Osage Form No. 139 (1972)

UNITED ST/ TES

DEPARTMENT OF THE INTERIOR OSAGE INDIAN AGENCY PAWHUSKA, OKLAHOMA 74056

Date 8/12/86

APPLICATION FOR OPERATION OR REPORT ON WELLS

J. H. Chapman 3/19	/56 \$156.00
(Commencement money paid to whom)	A CONTRACT OF THE PROPERTY OF
Well No. B-8 is located 990 ft. from ${N \brace S}$ line and 990	
SE. 4 Sect. 1 27N (4 Sec. & Sec. No.) (Twp.	7E Osage County, Oklahoma
(¼ Sec. & Sec. No.) (Twp.	.) (Range)
The elevation of the Surface above sea level is 1139 ACCURATE AND A	
USE THIS SIDE TO REQUEST AUTHORITY FOR WORK (three copies required)	USE THIS SIDE TO REPORT COMPLETED WORK (one copy required)
Notice of intention to: Drill	Character of well (whether oil, gas or dry)
Drill	Subsequent report of:
Plug Deepen or plug back D	Conversion
Convert	Formation treatment
XXXXX alter casingX	Altering casing
Formation treatment	Plugging back
	Plugging
Details of Work	Details of Work & Results Obtained
Drilling applications will state proposed TD & Horizons to be	AUG 1 3 1986 OSAGE UIC PROGRAM AUG 15 1086 REGION: W.
tested. Show size & length of casings to be used. Indicate proposed mudding, cementing & other work.	Au Wille
Plugging applications shall set forth reasons for plugging &	AUG 1 3 1986
detailed statement of proposed work. Plugging will not com-	5/100
mence until 10 days following approval date unless authority	OSAGE UIC PROGRAM
granted for earlier commencement.	SG/O. V.S.
Well production prior to work - Injection well	N. W.
wen production prior to work and any order	* * 7 ,
bbls. oilbbls. wtr./24 hrs.	Work commenced19
nis well #B-8 is an injection well. It is	Work commenced
emporarily shut down because Link has found a	Work completed19
umber of holes in the 5½" casing. We wish	(Continue on reverse side if necessary)
ermission to run $4\frac{1}{2}$ " OD beveled line pipe to 500 ft. This casing or liner will be cemented	This block for plugging information only CASING RECORD
top of hole. Our perforations in this well	Size In hole when Amount If parted
re from 2540 to 2552 in the Chat. This should	started recovered Depth How
ut our well in good shape for in egrity test.	
I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.	
	ORIGINAL TOTAL DEPTH
Lessee:/ The Line Oil Company	Lessee:
	Lessee.
Signature: Robert B Lyon	By:Signature
Title: President	Subscribed and sworn to before me
Address: 1408 Philtower Building	this day of
Audi Coo.	
Approved:	Notary Public
Osage Agency Inspector	My commission expires

055133,050920 050921

FORME
Approval by the Secretary of the Interior
March 20, 1952

CONTRACT NUMBER 1-20-G06-750



SAGE MINING LEASES
(Must be executed in duplicate)

Blacket

gnment of Oil and Gas Mining Assignment of

Lease

-Blanket
WHEREAS, The Secretary of the Interior has heretofore approved Oil & Ses mining lease, dated April 5
1966 19 Entered into by and between
Osage Tribe of Indians, lessor, covering the following described land in the Osage Reservation, State of Oklahoma: NW/4 Section 12-T27N-R7E (Original Contract 14-20-201-9272), NE/4 Section 12-T27N-R7E
(Original Contract 14-20-201-1555), SE/4 Section . 1-T27N-R7E (Original Contract 14-20-201-1552),
NE/4 Section 1-T27N-R7E (Original Contract 14-20-201-1551), NE/4 Section 11-T27N-R7E
Now, therefore, for and in consideration of (\$ 10.00), dollars the receipt of which is hereby acknowledged, the said The Link Oil Company
the lessee in the above described lease, hereby bargains, sells, transfers, assigns and conveys
right, title and interest of the lessee in and to said lease, subject to the approval of the Secretary of the Interior, to:
Warren American Oil Company, LLC
33 • A Company (1981) A Company (1982)
In Witness whereof the said lessee has hereunto set his hand this 20th day of December 20 13 ATTEST: Secretary (SEAL) Kuthuu & Sacrus Robert B. Lyon, Sr. Plasident
ACKNOWLEDGEMENT OF INDIVIDUAL COUNTY OF SS
STATE OF COUNTY OF, SS Before me, a Notary Public, in and for said County and State on this day of
to me known to be the identical person who executed the within and foregoing and annexed instrument for the consideration and purposes therein mentioned and set forth, and I do hereby so certify.
Notary Public
My commission expires
ACKNOWLEDGMENT OF CORPORATION
STATE OF Oklahoma COUNTY OF STATE
On this day of December A.D. 2013 before me, a Notary Public within and for the Star and County aforesaid, personally appeared Robert B. Lyon, Jr. and Katherine A. Saunders
to me personally known who, being by me duly sworn did each say that
Robert B. Lyon, Jr. is the president and
Katherine A. Saunders is the secretary of The Link Oil Company
a corporation, and that the seal affixed to the foregoing and annexed instrument is the corporation seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its boar

of directors; and said Robert B. Lyon, Jr.	
and Katherine A. Saunders	duly acknowledged that they each had in their said
and Kamerine A. Saunders official capacities executed the foregoing instrument as the purposes therein mentioned and set forth, I do hereby so cert	act and deed of the said company for the consideration and ify.
·	
Witness my hand and seal on this 20th day	mi i Dry Dhoneda
	- Notary Public
My commission expires <u>2-27-16</u> #1200196	of Oscilla Paline
ACCEPTANCE	BY ASSIGNEE
and any and arrived to fulfill all the obligation	
in witness whereof, the said assigned herealth sec	
Actost:	
Secretary .	Dafu D. Norton
octiciny .	Douglass K. Norton, Vice President
(SEAL)	Warren American Oil Company, LLC
CONSENT	OF SURETY
Theof	_
	011 070 00112
accompanying the lease above described, hereby consents to agrees that their original bond shall remain in full force and	o the assignment and transfer of said lease as above made and effect.
Duted at	_thisday of20
	•
	•
BUREAU OF I OSAGE	OF THE INTERIOR NDIAN AFFAIRS AGENCY
PAWHUSKA	A, OKLAHOMA Approved
The within assignment is hereby approved pursuant to auticlegated by 25 CFR 226.15 (b)	Under the authority delegated by 200 pool 209 DM 8, 230 DM 1, 3 IAM 4,1 and Muskogee Area Addendum
•	

Escrow Bank: Spirit Bank	
Bank Address: 1800 5. Belt: mare, Tulsa, OK, 74119, Suite	
Date: 12 · 14 - 10	100
WE, THE UNDERSIGNED WARREN AMERICAN DI COMMANY and the SUPERINTENDENT, QSAGE AGENCY, BUREAU OF INDIAN AFFAIRS (The "Superintendent") hereby deposit with Spirit Bank ("escrow bank") the following monies to-wit:	
ONE HUNDRED THOUSAND AND NO/100 DOLLARS (\$100,000)	
Which shall be held by the said bank in escrow under the following instruction, to-wit:	
(a) The account shall be designated as the Spirit Bank - Osage Account # 300 101829. Said certificate of deposit shall be purchased and owned by	

- (b) The Escrow Funds will be invested in <u>| year feron</u> certificates of deposit and shall be automatically reinvested at then existing interest rates until the Escrow Agreement is terminated;
- (c) The superintendent may draft upon the Escrow funds upon the submission to the Escrow Agency of a sworn affidavit by the Superintendent stating that (i) businessian bil Co is in default with regard to its obligations under Department of Interior regulations governing oil &/or gas leases covering lands located within Osage County, Oklahoma and (ii) the Superintendent has given MARKEN Annexican Oil Company thirty days notice of such default (including a specific description of the default) and the opportunity to cure same within said thirty (30) day period; unless aid default is the subject of litigation in which case said funds shall remain in escrony:
- (d) Any funds remaining in the Bscrow Account on the termination date (as defined below) will be distributed to Alarce American Oil Campany.

 (e) All account interest shall be credited to Marken American Oil Campanyand not added to
- the certificate of deposit;

Subject, however, to the following terms, exceptions, provision and conditions.

- The escrow bank shall be liable as a depository only and shall not be responsible for the sufficiency or accuracy of the form, execution or validity of documents deposited hereunder, or any description of property or other things therein, nor shall it be liable in any respect on account of the identity, authority, or rights of the persons executing or delivering or purporting to execute or deliver any such document or paper.
- The escrow bank, as part of the consideration for the acceptance of this escrow, shall not be liable for any acts or omissions done in good faith, nor for any claims, demands or losses, nor for any damages made and suffered by any party to this escrow, excepting such as may arise through or be caused by its willful or gross negligence.
- The escrow bank shall not be liable for collection items until the proceeds of the same in actual cash have been received, and in making collections of items deposited hereunder, the parties hereto agree that the eacrow bank may collect the same under the procedures customarily employed by it in handling other collections, nor shall it be liable for the default in payment of any installment of principal or interest nor shall it be liable for fallure to demand payment of any instrument, present the same for payment or protest the same or given notice of protest of nonpayment thereof, nor the outlawing of any rights under the Statute of Limitations in respect to any document deposited; nor for interest on any deposit of money. It may rely upon any paper, document, or other writing believed by it to be authentic in making any delivery of money or property hereunder. The escrow bank shall in no way be responsible nor shall it be its duty to notify any party hereto or party interested in this escrow deposit of any payment or maturity, under the terms of any instrument deposited herewith,

- It is agreed that this escrow contract shall not be terminated until the Superintendent authorizes such termination in writing or Bank gives 30 days written notice of its desire to cease serving as escrow agent.
- It is further understood and agreed between the parties that these instruments supersede any other contract with reference to this escrow deposit, insofar as said escrow bank is concerned, and that the said bank may rely absolutely hereon to the exclusion of any and all other agreements between the parties hereto.
- 6. This Agreement shall be binding on the successors and assigns of the parties hereto.
- 7. This Agreement may be amended by written instrument executed by all parties.
- Warren American Oil Company assign its interest in the Escrow Account subject to 8. the approval of the Superintendent and the escrow bank.
- 9. The escrow bank shall provide Nagged American Oil Company and the Superintendent with semi-annual statements reflecting the balances and activity of the Escrow Account.
- The escrow bank shall be paid an escrow fee of \$ / Devar for each certificate so issued.
- This certificate of deposit shall be subject to all normal banking rules and regulations including Regulation Q.

PARTIES TO ESCROW CONTRACT

Warred American Oil Company (PRINTED NAME OF COMPANY OR INDIVIDUAL)	APPROVED:
(SIGNATURE OF COMPANY AGENT OR INDIVIDUAL)	Under the authority delegated by 209 DM 8, 230 DM 1, 3 IAM 4.1 and Muskogee Area Addendum 9901 to 3 IAM 4 issued June 22, 1995
(GIGHATOAG GEROMEATET AGENT ON HEDERDOAG)	Addendari 9901 to 3 IAIN 4 issued June 22, 1999
	Superintendent, osage agency Bureau of Indian Affairs
ACCEPTED:	
Sp.R. J. Bank 918 P	95-1232
Bank Teleph	one No.
1800 S. Bultimore, Tulon Dk. 7111	1. Su re 100
Address of Bank Dane De La Laciana De) P
BY: Signature and Title of Bank Officer	
RECEIPT AND REI	LEASE
All monies, documents and papers relative to this escro satisfaction this day of	w deposit have been received to our entire 20 , and the escrow bank
Date;	

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VERIFIED:/YES/NO OSAGE	VERIFICATION FORM NO.: 921
WELL NUMBER: B-8 PROJECT/FIELD/	UNIT: BLACKLAND
IS LOCATED IN GTR SECTION: SE SE	CTION: 1 TOWNSHIP: 27 RANGE: 7
990 FEET FROM THE: NORTH LINE	AND: 990 FEET FROM THE: EAST LINE
L	
NAME: THE LINK OIL CO	THE LINK OIL CO
STREET: 703 PHILTOWER BLDG	703 PHILTOWER BLDG
CITY/ST/ZIP: TULSA OK	74103 TULSA OK 74103
(918) 585=8343	
WELL TYPE: SALT WATER	
DRILLED ON: 04/14/56	
GROUND ELEVATION IS: 1155 FEET	TOTAL DEPTH IS: 2592 FEET
PLUGGED BACK TO: FEET	CONVERTED ON: 04/25/57
STATUS IS: ACTIVE	
PERMANENTLY ABANDONED ON:/_	
TUBING AND CASING: SIZE	DEPTH CEMENT
SURFACE: 8.62 INCHES	598 FEET 250 SACKS
INTERMEDIATE: INCHES	FEET SACKS
PRODUCTION: 5.50 INCHES	2592 FEET 100 SACKS
TUBING SIZE: 2.38 INCHES	BORE HOLE SIZE: INCHES
DEPTH OF PACKER: 2492 FEET	
INJECTION DATA:	
INJECTION FLUID IS:	DEC 0 6 1934
SALT WATER	
INJECTION VOLUME IS:	1050 BARRELS/DAY MAX
WELL HEAD INJECTION PRESSURE IS:	25 PSI MAX
INJECTION INTERVAL 1 IS FROM:	2540 FEET TO: 2552 FEET
FORMATION NAME IS: MISSISSIPPI	
INJECTION INTERVAL 2 IS FROM:	FETTO:
FORMATION NAME IS:	

October 3, 2017 Bird Creek - Osage County, Oklahoma 8-B8_OS0921_ 7 of 168 92/ 92/ 929
WELL NUMBER: B-8 PROJECT/FIELD/UNIT: Blackland 31
IS LOCATED IN QTR SECTION: SE SECTION: 1 TOWNSHIP: 27 RANGE: 7
990 FEET FROM THE: North LINE AND: 990 FEET FROM THE East LIN
NAME: The Link Oil Company Same
STREET: 703 Philtower Building
CITY/ST/ZIP:
WELL DATA:
TYPE IS: X /1 SALT WATER/2 ENHANCED RECOVERY/3 LIQUID HYDROCARBON ST
DRILLED ON: 4 / 14 / 56
GROUND ELEVATION IS: 1155 FEET TOTAL DEPTH IS: 2592 FEET
PLUGCED BACK TO: FEET CONVERTED ON: 4 / 25 / 57
STATUS IS: X /1 ACTIVE/2 INACTIVE/3 PLUGGED AND ABANDONED
ABANDONED ON:/
TUBING AND CASING: SIZE DEPTH CEMENT
SURFACE: 8 625 INCHES 598 FEET 250 SACKS
INTERMEDIATE: INCHES FEET SACKS
PRODUCTION: 5 50 INCHES 2591 FEET 100 SACKS
TUBING: TUBING SIZE: 2 375 INCHES
BIT OR BORE HOLE SIZE: INCHES
DEPTH OF PACKER IS: 2492 FEET
INJECTION DATA:
INJECTION FLUID IS:
X/1 SALT WATER/2 FRESH WATER/3 AS/4 TERTIARY/5 OTHER
INJECTION VOLUME IS: 1050 BARRELS/DAY MAX -
WELL HEAD INJECTION PRESSURE IS: 25# BARRELS/DAY MAX
INJECTION INTERVAL 1 IS FROM: 2540 FEET TO: 2552 FEET

October 3, 2017

Bird Creek - Osage County, Oklahoma 8-B8_OS0921 8 of 168

5/23/83

INJECTION WELL DATA VALIDATION FORM NO. 921

OWNERSHIP DATA

WELL OPERATOR

LEGAL DWNER

LINK DIL CO 703 PHILTOWER BUILDING

TULSA OK 74103

LINK DIL CO 703 PHILTOWER BUILDING TULSA OK 74103

WELL NUMBER 88-D IN THE (PROJECT/FIELD/UNIT) BLACKLAND IS LOCATED IN TOWNSHIP 27, RANGE 7, SECTION 1, QTR SECTION SE 990 FEET FROM THE NORTH LINE AND 990 FEET FROM THE EAST LINE

WELL DATA

WELL STATUS IS ACTIVE SURFACE ELEVATION IS 1139 FEET WELL TYPE IS ENHANCED RECOVERY
DRILLED ON 04/14/56
CONVERTED ON 03/15/66 TOTAL DEPTH IS 2592 FEET PLUGGED BACK TO ABANDONED ON FEET

TUBING AND CASING

SIZE DEPTH CEMENT SACKS
8.75 INCHES 600 FEET 176
0 INCHES 0 FEET 0 SURFACE 0. INCHES 5.50 INCHES 2.00 INCHES INTERMEDIATE 100 2570 FEET PRODUCTION TUBING SIZE 2.00 DEPTH OF PACKER IS 2540 FAET

INJECTION DATA

INJECTION FLUID IS SALT WATER INJECTION VOLUME IS 1025 BARRELS/DAY WELL HEAD INJECTION PRESSURE IS 50 PSI

INJECTION INTERVAL 1 IS FROM 2540 FEET TO 2552 FEET FORMATION IS MISSISSIPPI INJECTION INTERVAL 2 IS FROM __O_ FEET TO _O_ FEET FORMATION IS 0

Maximum Injection Pressure Calculation Pm = (Frac Gradient - (0.433 X Sp.Gr.)) depth

 $Pm = (0.75 - (0.433 \times 1.1)) \times 2540 = 695$ (psi)

Technical Review (Passed/Failed)

Page 2



United States Department of the Interior **BUREAU OF INDIAN AFFAIRS**

EASTERN OKLAHOMA REGION OSAGE AGENCY POST OFFICE BOX 1539 PAWHUSKA, OKLAHOMA 74056-1539



WEEKLY LEASE CHANGES FOR WEEK ENDING JULY 18, 2014

ASSIGNMENTS (CONTINUED)



05 4092

Blackland Cooperative Waterflood Unit E/2 01-27-07 G06-750 NE 11-27-07 N/2 12-27-07	0920	Warren American Oil Company, LLC assigned 0.9375% interest Corporation and 0.9375% interest to Paul Hopkins & Miriam Ho With Right of Survivorship. Approved: July 14, 2014, containing 800 acres more or less.	pkins, Joint Tenants OS 0120
SW 13-25-05 G06-204	472 O&G	Spyglass Energy Group, LLC assigned all it's 50% interest to N Operating Company, LLC. Approved: July 16, 2014, containing 160 acres more or less.	adel and Gussman
NE 04-24-09 201-333 NW 21-24-09 G06-170 NE 33-25-09 IND-775 NW 33-25-09 IND-235	035 O&G 5 Oil	Warren American Oil Company, LLC assigned 1% interest to C Corporation and 1% interest to Paul Hopkins & Miriam Hopkins Right of Survivorship. All approved: July 14, 2014, each containing 160 acres more of	, Joint Tenants With
SE 33-25-09 IND-776 SW 33-25-09 IND-235 SW 10-28-10 IND-186	592 Oil - 05	4262, 5936	05 4262

NW 15-28-10 IND-3520 Oil Oil NE 16-28-10 IND-2908 SW 16-28-10 IND-2911 654092

SE 02-22-10 G06-18480 O&G

SE 16-28-10 IND-2910

SW 20-28-10 201-2143

Warren American Oil Company, LLC assigned 1% interest to Cobalt Energy Corporation and 1% interest to Paul Hopkins & Miriam Hopkins, Joint Tenants With Right of Survivorship.

Oil 05 5077

Oil

All approved: July 17, 2014, each containing 160 acres more or less.

Warren American Oil Company, LLC assigned 0.4% interest to Cobalt Energy Corporation and 0.4% interest to Paul Hopkins & Miriam Hopkins, Joint Tenants With Right of Survivorship. Approved: July 17, 2014, containing 160 acres more or less.

05

SUMMARY

1 NEW LEASE **26 ASSIGNMENTS**



United States Department of the Interior **BUREAU OF INDIAN AFFAIRS**

EASTERN OKLAHOMA REGION OSAGE AGENCY POST OFFICE BOX 1539 PAWHUSKA, OKLAHOMA 74056-1539



WEEKLY LEASE CHANGES FOR WEEK ENDING JULY 18, 2014

NEW LEASE

Chaparral Energy, LLC FR. SE 32-22-08; G06-23039 Oil and Gas Mining Lease (Less Coal Bed Methane) pursuant to Osage Minerals O&G-CBM Council Resolution No. 2-234 dated March 19, 2014, Approved April 24, 2014, two (2) year primary term, 1/5 royalty rate, containing 110 acres more or less. OS 2709 05 2710 **ASSIGNMENTS** 052712 Spyglass Energy Group, LLC assigned all it's 50% interest to Nadel and Gussman SW 13-25-05 G06-20472 O&G 050908 Operating Company, LLC. Approved: July 16, 2014, containing 160 acres more or less. 05 0909 Chaparral Energy, LLC assigned all it's 100% interest to Barry L. Sparks. 05 4183 **BL Oil** 201-6637 SSKW Unit Approved: July 15, 2014, containing 640 acres more or less. 05 0905 E/2 12-25-06 0908 2709 0905 SW 07-25-07 0903 4604 050906 2710 0909 NW 18-25-07 0904 0906 2712 4183 05 4604 Chaparral Energy, LLC assigned all it's 75% interest to Barry L. Sparks. SE 18-25-07 G06-1066 Oil Approved: July 15, 2014, containing 160 acres more or less. 055143 Chaparral Energy, LLC assigned all it's 100% interest to Allen W. and Sharilyn L. 05495 NE 36-26-09 201-520 Oil 0825680 Wells, Joint Tenant With Right of Survivorship. SW 31-26-10 IND-21040 Oil All approved: July 14, 2014, each containing 160 acres more or less. 055281 Chaparral Energy, LLC assigned all it's 100% interest to Golden Resources, Inc. 4773 SE 10-28-07 G06-20007 SWD 05.5663002 Easment All approved: July 14, 2014 Well #1 NW 28-29-11 G06-10808 SWD

(143 0 Well #1-A Easment

Golden Resources, Inc. assigned all it's 20% interest to Chaparral Energy, LLC. O&G NW 06-27-08 G06-9685 Approved: July 15, 2014, containing 160 acres more or less. 5681

Golden Resources, Inc. assigned all it's 30% interest to Chaparral Energy, LLC: SW 28-28-08 G06-5114 O&G U3061 NW 33-28-08 G06-5432 O&G Approved: July 16, 2014, each containing 160 acres more or less.

Golden Resources, Inc. assigned all it's 30% interest to Chaparral Energy, LLC. SW 33-28-08 G06-6356 O&G Approved: July 16, 2014, containing 160 acres more or less.

> Warren American Oil Company, LLC assigned 1% interest to Cobalt Energy Corporation and 1% interest to Paul Hopkins & Miriam Hopkins, Joint Tenants With Right of Survivorship.

Approved: July 17, 2014, containing 160 acres more or less.

Received

NW 01-21-11 G06-10622 O&G

3 29 **2014**

Date: 91/05/20

United States Environmental Protection Agency Region 6 Undergound Injection Control System

Page No. 3 Invrpt No. 4

Uic Key Number: OS092100

	Uic Key Number: USU92100	
	NERAL INFORMATI	O N====================================
002 Formno: 0921	016 Grndel: 001155	030 Pckrdp: 0024 12
003 Qtrsec: SE	017 Totdep: 002592	
004 Sectno: 01	018 Pluggd:	032 Injvol: 037804 Bland
005 Twnshp: 27N	019 Welltp: 1	033 Rptvol: 036505
006 Ranges: 07E	020 Abndon:	034 Injprs: 0695
007 Quadrn: N	021 Surfsz: 8.62	035 Rptprs: 0000
008 Lglloc: 0990N0990E	022 Surfdp: 000598	036 Fstdep: 002540
009 Wellid: B-8	023 Surfcm: 0250 /75	037 Fstfet: 002552
010 Projet: BLACKLAND	024 Intrsz: 000	038 Fstnme: 048
011 Owncod: B0779	025 Introduce Transport	039 Secdep: 30000 P
012 Oprcod: B0779	026 Intrem: 0000	039 Secdep: 630000 040 Secfet: 000000 041 Secnme:
013 Verify: Y	027 Prodsz: 5.50	
014 Wellst: 10586	028 Proddp: 002592	042 Swelev: 0 000 663
015 Drilld: 56/04/14	029 Prodcm: 0100	043 Divisn: 2N
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044 Flrvdt: 86/02/11		053 Mitdte: 86/09/05
045 Flrvwr: SJ Operato	r: THE LINK OIL CO	054 Mitmth: B
046 Flrvrs: P 047 Flrvcm: 0	1408 PHILTOWER BLDG	055 Mitwtn: MH
047 Flrvcm: O	TULSA OK 74103	056 Mitres: P
048 Flstcg:		057 Mitstc:
	r: THE LINK GIL CO	058 Rptlvl:
	1408 PHILTOWER BLDG	059 Arptrc: 91/04/10
051 Mtrcnt: -	TULSA OK 74103	060 Mnlprs:
052 Mitcan:		061 Plugdt:
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	=PERMITTED DATA=	088 Fnlmed:
	075 Pubhrn:	089 Pmterm:
063 Tgisdt:	076 Rspcmt: 077 Athinj:	090 Pmtexp:
064 Prmtyp:	078 Pmisdt:	091 Injbgn:
065 Aprodt:	079 Pmefdt:	092 Totaor:
066 Appldt:	080 Apladm:	093 Abndor:
067 Emrgrq:	O81 Admndt:	094 Prdaor:
068 Apindt:	082 Pmtmod:	095 Injaor:
069 Apcpdt:	083 Modent:	096 Totall:
070 Apwddt: 071 Emrgdt:	084 Drfmod:	097 Total2:
072 Drftdt:	085 Pubmod:	098 Total3:
073 Pubnot:	086 Cmtmod:	099 Total4:
074 Cmtend:	087 Hngmod:	100 Total5:
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	INSPECTION DATA	to the class and class after the the class and class can take the clas
101 Insdue:	106 Insflw: A	111 Insrea: SEC
102 Insfrq: NR	107 Inslgr: 001	112 Viotyp:
103 Insdat: 90/11/14	108 Ins2qr:	113 Lastup: 91/04/11
104 Insptr: SY	109 Ins3gr:	114 Active: A
105 Insrsl: 1	109 Ins3qr: 110 Ins4qr: 117 Cnvdat: 120 Latcod: 365041	115 Prvath:
116 Userid: PXX	41 117 Cnvdat:	118 Delrea:
119 Deldat:	3 120 Latcod: 365041	121 Loncod: 962947
122 County: 113	123 Tribes:	124 Pmtdny:
125 Emrdny:	126 Rptanl:	
the feet of the fit to the fit of the	-marine,	

October 3, 2017

Bird Creek - Osage County, Oklahoma

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OSAGE VERIFICATION FORM *******

LINK DIL CD 703 PHILTOWER BLDC TULSA

DK 74103

FORM WELL# FORM WELL# FORM WELL# FORM WELL# FORM WELL# ***** **** ***** ***** ***** **** 928 A-2 929 C-W4 920 B7-D

2060 9-D

921 B-8 4262 2-A

resident

2056 2D

I CERTIFY THAT THE INFORMATION ON THE ENCLOSED VERIFICATION FORMS FOR THE ABOVE WELLS IS COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE

THE LINK OIL COMPANY

SIGNATURE OF OWNER/OPERATOR

Robert B. Lyon,

December 4, 1984

DATE

(918) 585-8343

TELEPHONE NUMBER

DEC 0 : 1234

Scan Code:

0 9 MAY 2017

Certified Mail #7012 3050 0001 6504 7421 - Return Receipt Requested

Mr. John Burroughs, Vice-President of Operations Warren American Oil Company, LLC 6585 South Yale, Suite 800 Tulsa, Oklahoma 74136

Re: Requiring Existing Injection Well (Authorized by Rule) to Apply for a Permit

Inventory No.:

REPLY TO: 6WQ-S

OS0921

Well No.:

B-8

Location:

SE/4, Sec. 1, T 27N, R 7E, 990' FNL, 990' FEL

Osage County, Oklahoma

Dear Mr. Burroughs:

Elevated levels of salinity in an upper tributary of North Bird Creek were confirmed during an Environmental Protection Agency (EPA) inspection conducted on August 16, 2016, and subsequent inspections. The chemical analysis of the fluid has confirmed it is from the Mississippi Lime/Chat. The presence of this fluid at the surface by migration through the underground source of drinking water (USDW) indicates the USDW is threatened. The referenced injection well is near the impacted area and is currently authorized by rule. This action is taken in accordance with the Underground Injection Control (UIC) program regulations (40 CFR Part 147.2915 "Requiring a permit for wells authorized by rule"), which state the "protection of USDWs requires that the injection operation be regulated by requirements which are not contained in the rule."

Therefore, you are required to submit a permit application for the referenced well to the EPA's Osage UIC Office in Pawhuska no later than 45 days after the date you receive this letter. Permit application materials are enclosed for your use. All information in the application and as listed in the regulations (40 CFR 147.2918, "Permit application information") must be submitted.

Additionally, UIC program regulations (40 CFR 147.2903 "Prohibition of unauthorized injection") state "no owner or operator shall construct, operate, maintain, convert, plug, or abandon any injection well...in a manner that allows movement of fluid containing any contaminant into underground sources of drinking water, if the presence of that contaminant may cause a violation of any primary drinking water regulation...or may adversely affect the health of persons." The UIC regulations (40 CFR 147.2918, "Permit application information") also state, "the applicant has the burden to show the proposed injection activities will not endanger USDWs."

In accordance with UIC program regulations (40 CFR Part 147.2915(a)(2)), EPA is requiring additional information to be submitted for use in EPA's permitting decision process. Within 30 days of receipt of this letter you are required to begin daily monitoring of injection pressure and injection rate, and indicate whether operations are on a continuous or cyclic basis. You are required to submit such information to EPA on a weekly basis until a final permit decision becomes effective, at which time you must follow the condition of your permit. EPA will provide you further information on the format, method of submittal, and to whom submittal shall be made. Also, all pressure and rate data collected since your last annual report shall be included with your permit application. This will not affect your obligation for monthly monitoring and reporting under 40 CFR 147.2913.

You are currently authorized by rule to conduct injection operations at this well. However, UIC regulations (40 CFR 147.2915(c)) state, "Injection is no longer authorized by rule upon the effective date of a permit or permit denial, or upon failure of the owner/operator to submit an application in a timely manner as specified" in this notice. Upon termination of authorization by rule, use of the well for fluid injection would be prohibited except under a permit.

If you have any questions, or would like to discuss this decision, please contact Phil Dellinger in our Dallas office at (214) 665-8324. If you need additional information or assistance in preparing your permit application, please contact the Osage UIC office in Pawhuska at (918) 287-5333.

Sincerely yours,

William K. Honker, P.E., Director Water Division

Enclosures

cc: with enclosures
BIA, Minerals Branch
Osage UIC Office

6WQ-SG: CTINGEY: 5/9/2017: OS0921

6WQ-SG 6WQ-S Cet spapeon

DELLINGER BROWN





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS TX 75202-2733

REPLY TO: 6WQ-S

0 9 MAY 2017

Certified Mail #7012 3050 0001 6504 7421 - Return Receipt Requested

Mr. John Burroughs, Vice-President of Operations Warren American Oil Company, LLC 6585 South Yale, Suite 800 Tulsa, Oklahoma 74136

Re: Requiring Existing Injection Well (Authorized by Rule) to Apply for a Permit

Inventory No.:

OS0921

Well No.:

B-8

Location:

SE/4, Sec. 1, T 27N, R 7E, 990' FNL, 990' FEL

Osage County, Oklahoma

Dear Mr. Burroughs:

Elevated levels of salinity in an upper tributary of North Bird Creek were confirmed during an Environmental Protection Agency (EPA) inspection conducted on August 16, 2016, and subsequent inspections. The chemical analysis of the fluid has confirmed it is from the Mississippi Lime/Chat. The presence of this fluid at the surface by migration through the underground source of drinking water (USDW) indicates the USDW is threatened. The referenced injection well is near the impacted area and is currently authorized by rule. This action is taken in accordance with the Underground Injection Control (UIC) program regulations (40 CFR Part 147.2915 "Requiring a permit for wells authorized by rule"), which state the "protection of USDWs requires that the injection operation be regulated by requirements which are not contained in the rule."

Therefore, you are required to submit a permit application for the referenced well to the EPA's Osage UIC Office in Pawhuska no later than 45 days after the date you receive this letter. Permit application materials are enclosed for your use. All information in the application and as listed in the regulations (40 CFR 147.2918, "Permit application information") must be submitted.

Additionally, UIC program regulations (40 CFR 147.2903 "Prohibition of unauthorized injection") state "no owner or operator shall construct, operate, maintain, convert, plug, or abandon any injection well....in a manner that allows movement of fluid containing any contaminant into underground sources of drinking water, if the presence of that contaminant may cause a violation of any primary drinking water regulation...or may adversely affect the health of persons." The UIC regulations (40 CFR 147.2918, "Permit application information") also state, "the applicant has the burden to show the proposed injection activities will not endanger USDWs."

8-B8 OS0921

In accordance with UIC program regulations (40 CFR Part 147.2915(a)(2)), EPA is requiring additional information to be submitted for use in EPA's permitting decision process. Within 30 days of receipt of this letter you are required to begin daily monitoring of injection pressure and injection rate, and indicate whether operations are on a continuous or cyclic basis. You are required to submit such information to EPA on a weekly basis until a final permit decision becomes effective, at which time you must follow the condition of your permit. EPA will provide you further information on the format, method of submittal, and to whom submittal shall be made. Also, all pressure and rate data collected since your last annual report shall be included with your permit application. This will not affect your obligation for monthly monitoring and reporting under 40 CFR 147.2913.

You are currently authorized by rule to conduct injection operations at this well. However, UIC regulations (40 CFR 147.2915(c)) state, "Injection is no longer authorized by rule upon the effective date of a permit or permit denial, or upon failure of the owner/operator to submit an application in a timely manner as specified" in this notice. Upon termination of authorization by rule, use of the well for fluid injection would be prohibited except under a permit.

If you have any questions, or would like to discuss this decision, please contact Phil Dellinger in our Dallas office at (214) 665-8324. If you need additional information or assistance in preparing your permit application, please contact the Osage UIC office in Pawhuska at (918) 287-5333.

Sincerely yours,

William K. Honker, P.E., Director

Water Division

Enclosures

cc: with enclosures BIA, Minerals Branch Osage UIC Office

19 of 168

Aguinaga, David

From:

John D. Burroughs <jdburroughs@warrenamerican.com>

Sent:

Thursday, November 17, 2016 8:54 AM

To:

Aguinaga, David

Cc:

Mary Howell; Paul Hopkins (hopkinsoil@icloud.com); Matt Allen; John D. Burroughs

Subject:

MIT Tests

David

Warren American Oil performed an MIT test on the following 4 wells on 11-16-16 and they all passed:

OS5275023	3A	NE/4, Sec. 05, T 24N, R 10E
OS5275028	2CI	NW/4, Sec. 05, T 24N, R 10E
OS5275030	9CI	NW/4, Sec. 05, T 24N, R 10E

OS 0921 B8 Sec 1-27N-R7E

Rick Davis witnessed the tests and informed us we could start injecting again on all of these wells. The paperwork will follow but I just wanted to let you know that Rick said it was OK to inject.

The other well identified in your email of 11/8/16 was the 8A well, Inv # OS5275.022, in NE/4 Sect 5-T24N-R10E. It has been SI for quite some time and has been approved by the EPA for FL Monitoring. Let me know if you concur on the FL monitoring for this well.

Let me know if you have any questions.

John Burroughs 918 481 7925

John Burroughs
Vice-President Drilling/Operations
Warren American Oil Co.
6585 S. Yale, Suite 800
Tulsa, OK 74136
918-481-7925 OFFICE
918-344-6185 CELL
918-481-7922 FAX

E-Mail: jdburroughs@warrenamerican.com

Bird Creek - Osage County, Oklahoma

THE LINK OIL COMPANY

427 SOUTH BOSTON, SUITE 1000 TULSA, OKLAHOMA 74103-4146 (918) 585-8343

5133 1500 5077

20 of 168

April 24, 2012

Mr. Willie Lane U. S. Environmental Protection Agency Region 6, 6EN-WR, Water Resource Section 1445 Ross Avenue, Suite 1200 Dallas, Texas 75202-2733

RE: Annual Well Monitoring Report

Dear Mr. Lane:

As requested in your letter dated April 4, 2012, please find the enclosed Annual Well Monitoring Report for The Link Oil Company. These reports cover the period of April 2011 through March 2012.

Sincerely,

THE LINK OIL COMPANY

Robert B. Lyon, J

President

RBLjr/mr

Enclosures

Cc: U.S. EPA

P. O. Box 1495

Pawhuska, OK 74056

Bird Creek - Osage County, Oklahoma

THE LINK OIL COMPANY

427 SOUTH BOSTON, SUITE 1000 TULSA, OKLAHOMA 74103-4146 (918) 585-8343

April 12, 2011

4092 0929 0920 0921 5133 DECEIVED APR 13 2011 0SAGE NATION ENR/UIG 5278 (34)

21 of 168

Mr. Willie Lane, Jr.
U. S. Environmental Protection Agency
Region 6, 6EN-WR, Water Resources Section
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

RE: Annual Well Monitoring Report

Dear Mr. Lane:

As requested in your letter dated April 1, 2011, please find enclosed the Annual Well Monitoring Reports for The Link Oil Company. These reports cover the period of April 2010 through March 2011.

Sincerely,

THE LINK OIL COMPANY

Robert B. Lyon, & President

RBLjr/mr

Enclosure

cc: U. S. EPA

P. O. Box 1495

Pawhuska, OK 74056

Bird Creek - Osage County, Oklahoma

8-B8_OS0921_22 of 168

THE LINK OIL COMPANY

427 SOUTH BOSTON, SUITE 1000 TULSA, OKLAHOMA 74103-4146 (918) 585-8343

April 12, 2011

Mr. Willie Lane, Jr.
U. S. Environmental Protection Agency
Region 6, 6EN-WR, Water Resources Section
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

RE: Annual Well Monitoring Report

Dear Mr. Lane:

As requested in your letter dated April 1, 2011, please find enclosed the Annual Well Monitoring Reports for The Link Oil Company. These reports cover the period of April 2010 through March 2011.

Sincerely,

THE LINK OIL COMPANY

Robert B. Lyon, President

RBLjr/mr

Enclosure

cc: U

U. S. EPA

P. O. Box 1495

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Pawhuska, OK 74056

8-B8_OS0921 23 of 168

THE LINK OIL COMPANY

427 SOUTH BOSTON, SUITE 1000 TULSA, OKLAHOMA 74103-4146 (918) 585-8343

April 7, 2009

0921

Mr. Jerry Saunders, Chief Water Resource Section (6EN-WR) **Environmental Protection Agency** 1445 Ross Avenue Dallas, Texas 75202-2733

RE: Annual Well Operations Reports

Dear Mr. Saunders:

As requested in your letter dated April 1, 2010, please find enclosed the Annual Operations Reports for The Link Oil Company. These reports cover the period of April 2009 through March 2010.

Sincerely,

THE LINK OIL COMPANY

Robert B. Lyon, Ji President

RBLjr/mr

Enclosure

CC:

U. S. EPA Osage UIC P. O. Box 1495

Pawhuska, Oklahoma 74056

8-B8_OS0921 24 of 168

THE LINK OIL COMPANY

427 SOUTH BOSTON, SUITE 1000 TULSA, OKLAHOMA 74103-4146 (918) 585-8343

April 9, 2007

Mr. Jerry Saunders Chief, Water Resources Section (6EN-WR) Environmental Protection Agency 1445 Ross Avenue Dallas, Texas 75202

RE: Annual Well Operations Reports

Dear Mr. Saunders:

As requested in your letter of March 30, 2007, enclosed are Annual Well Operation Reports for The Link Oil Company for the period April, 2006 through March, 2007.

Sincerely,

Mary Beth Wing

/mbw Encl.

cc:

U.S. Environmental Protection Agency

Osage UIC P. O. Box 1495

Pawhuska, OK 74056

Mary Beth Wing

8-B8_OS0921 25 of 168

THE LINK OIL COMPANY

427 SOUTH BOSTON, SUITE 1000 TULSA, OKLAHOMA 74103-4146 (918) 585-8343

April 8, 2005

Mr. Jerry Saunders U.S. Environmental Protection Agency Region 6, UIC Section (6EN-WO) 1445 Ross Avenue, Suite 1200 Dallas, TX 75202-2733

RE: Annual Well Operation Reports

Dear Mr. Saunders:

As requested in your letter of March 31, 2005, enclosed are Annual Well Operation Reports for The Link Oil Company for the period April, 2004 through March, 2005.

Mary Bith Wing

Mary Beth Wing

/mbw Encl.

CC: Norma Pinney
US EPA
Osage UIC
P. O. Box 1495
Pawhuska, OK 74056

MAY 2 6 2805

October 3, 2017

Bird Creek - Osage County, Oklahoma

8-B8_OS0921 26 of 168

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8-B8_OS0921 27 of 168

APR 22 2003

THE LINK OIL COMPANY

427 SOUTH BOSTON, SUITE 1408 TULSA, OKLAHOMA 74103-4146 (918) 585-8343

April 15, 2003

(34)

ES 0921

Mr. Jerry Saunders U.S. Environmental Protection Agency Region 6, UIC Section (6EN-WO) 1445 Ross Avenue, Ste. 1200 Dallas, TX 75202-2733

RE: Annual Well Operation Reports

ay Beth Wing

Dear Mr. Saunders:

As requested in your letter dated April 1, 2003, enclosed are Annual Well Operation Reports for The Link Oil Company for the period April 1, 2002 through March, 2003.

Sincerely,

Mary Beth Wing

/mbw

Encls.

cc: U.S. Environmental Protection Agency

Attn: Norma Osage UIC P. O. Box 1495

Pawhuska, OK 74056

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October 3, 2017 Bird Creek - Osage County, Oklahoma

8-B8_OS0921 28 of 168

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October 3, 2017

Bird Creek - Osage County, Oklahoma

8-B8 OS0921 29 of 168

Inventory : 0S0920,0S0921,0S0929,0S4092,

OS5077,OS5133,OS5278

Scan Code: ___33__

JUL 24 2002

REPLY TO: 6EN-WO

The Link Oil Company 427 South Boston STE 1408 Tulsa, OK 74103

Second Notice of Required Annual Well Operation Report-Re:

See Enclosed List of Applicable Wells

Dear Operator:

Previously, we notified you of annual reporting requirements of the Osage Underground Injection Control (UIC) regulations. date, we have not received required reports for each well listed on Enclosure 1. Please submit overdue annual operation reports to this office within 30 days after the date of this letter. report must include the information on the enclosed form. You can use the enclosed forms to complete the report or any other format that includes required data. Be sure to correct any information that has changed (e.g.; owner/operator, address, etc.).

The Safe Drinking Water Act authorizes the Environmental Protection Agency (EPA) to require annual reports. Under the Act, the EPA can issue orders or administrative penalties for failure to submit reports. To avoid this type of enforcement action, please submit the completed annual reports, within 30 days, as required.

If you have any questions or if you already submitted the required reports, contact Mr. Dale Selgrath at 214-665-8083.

Sincerely yours,

Jerry Saunders Chief AR/LA/OK NPDES (UIC) Section

Enclosures

bcc: BIA, Minerals Branch Osage UIC Office

6EN-WO:dselgrat:7-02:code K

ENCLOSURE 1 WELLS WITH OVERDUE REPORTS

Inventory No.	Well No.	Location-Osage County, Oklahoma
OS0920 OS0921	B7-D B-8	SE/4, Sec.01, T 27N, R 07E SE/4, Sec.01, T 27N, R 07E
OS0929	C-W4	NE/4, Sec.12, T 27N, R 07E
OS4092	3-B	NE/4, Sec.16, T 28N, R 10E
OS5077	11	SE/4, Sec.16, T 28N, R 10E
OS5133	9B	SE/4, Sec.01, T 27N, R 07E
OS5278	8	SE/4, Sec.20, T 28N, R 10E

Bird Creek - Osage County, Oklahoma 8-B8_OS0921 31 of 168

October 3, 2017

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□⊏'Bird Creek - Osage County, Oklahoma

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55278 555 5077 920 5133 921 9278 929 (34) 4092

THE LINK OIL COMPANY

427 SOUTH BOSTON, SUITE 140A THESA, OKLAHOMA 74103-4146 (918) 585-8343

March 8, 2002

U.S. Environmental Protection Agency c/o Norma
P. O. Box 1495.
Pawhuska, OK 74056

RE: Annual Well Operations Reports

Dear Norma:

Please find enclosed the Annual Well Operations Reports for The Link Oil Company operated wells. As discussed previously, inventory #055278000 (Osage J-8) and inventory #055077000 (Osage F-11) have listed an incorrect ownership. I have made the appropriate corrections so that you may update your files accordingly.

Thank you for your halp in processing these reports.

Sincerely,

Robert B. Lyon, Jr. President

RBLjr/mbw Encls.

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CHARLERS ON SERVE S. To Her Frank Quintification

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8-B8_OS0921 34 of 168

THE LINK OIL COMPANY

427 SOUTH BOSTON, SUITE 1408 TULSA, OKLAHOMA 74103-4146 (918) 585-8343

April 17, 2001

APR 23 2001

U.S. Environmental Protection Agency c/o Norma P. O. Box 1495 Pawhuska, OK 74056

Annual Well Operation Reports

Dear Norma:

Enclosed are Annual Well Operation Reports for The Link Oil Company operated wells, including those previously acquired from Producers Oil Company. As discussed, we would appreciate your assistance in getting the owner name changed from Producers to Link.

If we may be of any help, please let us know.

Sincerely,

Beth Wing Mary Beth Wing

/mbw Enc1s October 3, 2017 Bird Creek - Osage County, Oklahoma

8-B8_OS0921 35 of 168

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 6

1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733

JUL 2 7 2000

REPLY TO: 6EN-WO

The Link Oil Company 427 South Boston STE 1408 Tulsa, OK 74103

Second Notice of Required Annual Well Operation Report-See Enclosed List of Applicable Wells Re:

Dear Operator:

Previously, we notified you of annual reporting requirements of the Osage Underground Injection Control (UIC) regulations. To date, we have not received required report(s) for each well listed on Enclosure 1. Please submit overdue annual operation report(s) to this office within 30 days after the date of this letter. The report must include the information on the enclosed form as well as any information required by the UIC permit for a well. You can use the enclosed form(s) to complete the report or any other format that includes required data. Be sure to correct any information that has changed (e.g.; owner/operator, address, etc.).

The Safe Drinking Water Act authorizes the Environmental Protection Agency (EPA) to require annual reports. Under the Act, the EPA can issue orders or administrative penalties for failure to submit reports. To avoid this type of enforcement action, please submit the completed annual report(s), within 30 days, as required.

If you have any questions or if you already submitted the required report, contact Mr. Dale Selgrath at 214-665-8083.

Sincerely yours,

Jerry Saunders

Chief AR/LA/OK NPDES (UIC) Section

Enclosure(s)

18W0726/00 K3

WELLS WITH OVERDUE REPORTS

Inventory No.	Well No.	Location-Osage County, Oklahoma
0S0920 0S0921	B-8	SE/4, Sec.01, T 27N, R 07E SE/4, Sec.01, T 27N, R 07E
0S0929 0S4092	C-W4 3-B	NE/4, Sec.12, T 27N, R 07E NE/4, Sec.16, T 28N, R 10E
0S5077 0S5133	11 9B	SE/4, Sec.16, T 28N, R 10E
OS5278	8	SE/4, Sec.01, T 27N, R 07E SE/4, Sec.20, T 28N, R 10E

October 3, 2017

Bird Creek - Osage County, Oklahoma 8-B8_OS0921 38 of 168

RECEIVED RECEIVED 00 SEP 19 AM 10: 35

(34)

THE LINK OIL COMAZ. 1408 PHILTOWER BUILDING TULSA, OKLAHOMA 74103-4146 (918) 585-8343

June 28, 1995

JUN 3 0 1995

Mr. Robert Quance
U.S. Environmental Protection Agency, Region 6
UIC Permits & Enforcement Section (6W-SE)
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

RE: Plugging Requirements

Inventory No.: 054786

Well No.: 3

Location: SW/4 36-22N-11E

Osage County, Oklahoma

Dear Mr. Quance:

We assumed operations of the lease that includes the above referenced well on February 1, 1995. Well No. 3, according to our records, has been inactive since 1986. We are the third owner of the lease that includes Well No. 3 since 1986. We intend to determine the economic viability of this lease at the earliest opportunity. Until we ascertain the quality of this lease, we will not know whether Well No. 3 will still be needed as a disposal well or could possibly be put back on production.

Therefore we request an extension of 180 days from July 1, 1995 to determine the merits of the lease in question that includes Well No. 3. If after this time period we have not incorporated Well No. 3 into our plans, we will immediately plug this well subject to your approval.

Thank you for any attention you may give to this request.

Sincerely,

THE LINK OIL COMPANY

Robert B. Lyon, Jr

President

RBLjr/mbw

cc: Osage UIC Office

October 3, 2017

Bird Creek - Osage County, Oklahoma

8-B8_OS0921 40 of 168

Bur

(3A)

THE LINK OIL COMPANY

1408 PHILTOWER BUILDING TULSA, OKLAHOMA 74103 (918) 585-8343

April 19, 1993

United States Environmenta Protection Agency Region 6 1445 Ross Avenue Ste., 1200 Dalas, Texas 75202-2733

RE: Annual Well Operation Report

Gentlemen:

Please find enclosed the reports for the annual well operation for the Chapman-Osage well, B-8, B-7D, C-W4, and the 9B.

Sincerely,

THE LINK OIL COMPANY

By

Betty Vineback

/b1 enc 4



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Bird Creek - Osage County, Oklahoma 8-B8_OS0921 41 of 168

	COMPLIANCE REVIEW FORM	(
Reviewer: Ron Van Wy	1 Inventory No.: 050921	
Date: 5-23-91	Well No.: B-8	
Well Type: Disposal/EOR/Dual Comp	letion Well Status: Active/Inactive Authorization: Rule/Per	mi t
I. FINANCIAL RESPONSIBILITY		
AREA		

TYPE	Single Lease	County Wide	Nation Wide	Amount
Bond				
Letter of Credit				
Certificate of Deposit			g and the great	GPT E EL ETTE.
Other (Shown in Comments)				

Unaddressed Violations:

II. MECHANICAL INTEGRITY

w m m	Date(s)	Method	Results
Technical Review	2-11-86		Pass
Field Test	7-21-86	B	Fail
	9-5-86	B	Pass
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Unaddressed Violations:	

III. ANNUAL REPORTS

Authorized		Maximum Pressure (psi)	Maximum Volume (BBL/Mo)	Fluid Level (ft. Subsurface)	
Due	Received	695	Fergus To To Tell		
4-85	4-10-85	10	32,187		
4-86	4-11-86	50	3 4,864		
4-87	4-16-87	0	37,604		
4-88	4-13-88	0	35,878	# # =	
4-89	4-26-85	0	36, 434	1 (004 - 1 2 P - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
4-90	4-13-90	0	36,260		
4-91	1-10-01		36 505		

Unaddressed Violations:

IV.	PERMIT CONDITION	s		•
	Date Final: Modifications:	<u>Da te</u>	Date Authorization to Inject:	
	_			
	_			
	Unaddressed Viol	ations:		
	INSPECTIONS <u>Date</u>	v	iolation(s)	
	1-31-89	_	None	
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Ί.	NOTICES OF VIOLA		Sub-took	Camaliana Ashis ass
	Date		Subject	Compliance Achieved?

111.	COMPLIANCE REVIEW		nce Follow-up Required	•
			Torrow-up required	
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	//.		た かん	5-73-91

Approval:

Ruseld of Tanky

Compliance Engineer

Date: <u>5-23-9</u>/

(34)

THE LINK OIL COMPANY

703 PHILTOWER BUILDING

TULSA, OKLAHOMA 74103

January 18, 1985

Mr. Charles Ellis KWB Oil Property Management 320 South Boston Tulsa, Oklahoma 74103

Dear Charlie:

Enclosed is a copy of Form #2047 that was sent to our office for verification. This pertains to the well that you now own and operate for disposal purposes in the SW $\frac{1}{4}$ Section 27-25N-9E.

I have notified Barbara Brown that I am forwarding this verification form to KWB.

Yours yery truly

Robert B. Lyon

RBL:hg

Enc.

RECEIVED

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SEGION ENTS

CULY



REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TEXAS 75202-2733

March 31, 2017

WARREN AMERICAN OIL COMPANY 6585 S.Yale, Ste 800 TULSA OK 74136

Re: Annual Well Operation Report

Dear Operator:

070920

4092 5077 5278

Underground Injection Control (UIC) regulations require you to submit an annual report of injection activities to the Environmental Protection Agency. A report is due for each well for which a form is enclosed. You may use either the enclosed form, or any other format that includes the required information. Please submit the report(s) via postal mail, within 30 days of the date of this letter to:

Mr. Hillol Ray
Water Resources Section (6EN-WR)
Environmental Protection Agency
1445 Ross Avenue
Dallas, Texas 75202-2733

If you prefer, you may submit the report(s) as an attachment with an e-mail to: ray.hillol@epa.gov; or, via fax # 214-665-2168 (Attention: Mr. Hillol Ray).

The UIC permit for a well may require you to provide information in addition to that shown on the enclosed form. Submit that information with your report on a separate sheet of paper. Please review the permit for each of your injection wells to be sure that you are reporting all information required.

Data reported must be accurate and supported by your records. Federal UIC regulations require you to keep copies of monitoring reports and supporting records for at least three years.

If you have questions, please contact Mr. Hillol Ray of my staff, at 214-665-7502.

Sincerely yours,

Willie Lane, Jr.

Chief

Water Resources Section



REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TEXAS 75202-2733

March 31, 2016

WARREN AMERICAN OIL COMPANY P.O. BOX 470372 TULSA OK 74147 05092/000

Re: Annual Well Operation Report

Dear Operator:

Underground Injection Control (UIC) regulations require you to submit an annual report of injection activities to the Environmental Protection Agency. A report is due for each well for which a form is enclosed. You may use either the enclosed form, or any other format that includes the required information. Please submit the report(s) via postal mail, within 30 days of the date of this letter to:

Mr. Chiu Foong
Water Resources Section (6EN-WR)
Environmental Protection Agency
1445 Ross Avenue
Dallas, Texas 75202-2733

If you prefer, you may submit the report(s) as an attachment with an e-mail to: foong.chiu@epa.gov; or, via fax # 214-665-2168 (Attention: Mr. Chiu Foong).

The UIC permit for a well may require you to provide information in addition to that shown on the enclosed form. Submit that information with your report on a separate sheet of paper. Please review the permit for each of your injection wells to be sure that you are reporting all information required.

Data reported must be accurate and supported by your records. Federal UIC regulations require you to keep copies of monitoring reports and supporting records for at least three years.

If you have questions, please contact Mr. Chiu Foong of my staff, at 214-665-9752.

Sincerely yours,

Willie Lane, Jr.

Chief

Water Resources Section

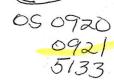
Enclosure(s)

We promote compliance with Federal environmental regulations in partnership with our States and Tribes

Internet Address (URL) • http://www.epa.gov



REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TEXAS 75202-2733



April 2, 2015

THE LINK OIL CO 427 SOUTH BOSTON, SUITE 1000 TULSA OK 74103

Re: Annual Well Operation Report

Dear Operator:

Underground Injection Control (UIC) regulations require you to submit an annual report of injection activities to the Environmental Protection Agency. A report is due for each well for which a form is enclosed. You may use either the enclosed form, or any other format that includes the required information. Please submit the report(s) via postal mail, within 30 days of the date of this letter to:

Ms. Emma Cornelius
Water Resources Section (6EN-WR)
Environmental Protection Agency
1445 Ross Avenue
Dallas, Texas 75202-2733

If you prefer, you may submit the report(s) as an attachment with an e-mail to: cornelius.emma@epa.gov. or, via fax # 214-665-2168 (Attention: Ms. Emma Cornelius).

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If you have questions, please contact Ms. Emma Cornelius of my staff, at 214-665-6479.

Sincerely yours,

Willie Lane, Jr.

Chief

Water Resources Section





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733

April 3, 2014

REPLY TO: 6EN-WR

THE LINK OIL CO 427 SOUTH BOSTON, SUITE 1000 TULSA OK 74103

Re: Annual Well Operation Report

Dear Operator:

Underground Injection Control (UIC) regulations require you to submit an annual report of injection activities to the Environmental Protection Agency. A report is due for each well for which a form is enclosed. You may use either the enclosed form or any other format that includes the required information. Please submit the report to the Water Resources Section (6EN-WR); Environmental Protection Agency; 1445 Ross Avenue; Dallas, Texas 75202 within 30 days of the date of this letter.

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Sincerely yours,

Willie Lane, Jr.

Chief

Water Resources Section

Enclosures

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS TX 75202-2733

April 2, 2013

REPLY TO: 6EN-WR

THE LINK OIL CO 427 SOUTH BOSTON, SUITE 1000 TULSA OK 74103

Re: Anni

Annual Well Operation Report

Dear Operator:

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If you have questions, please contact Ms. Emma Cornelius at 214-665-6479.

Sincerely yours,

Willie Lane, Jr.

Chief

Water Resources Section

Enclosures





REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS TX 75202-2733

April 2, 2012

REPLY TO: 6EN-WR

THE LINK OIL CO 427 SOUTH BOSTON, SUITE 1000 TULSA OK 74103

Re:

Annual Well Operation Report

Dear Operator:

Underground Injection Control (UIC) regulations require you to submit an annual report of injection activities to the Environmental Protection Agency. A report is due for each well for which a form is enclosed. You may use either the enclosed form or any other format that includes the required information. Please submit the report to the Water Resources Section (6EN-WR); Environmental Protection Agency; 1445 Ross Avenue; Dallas, Texas 75202 within 30 days of the date of this letter.

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Sincerely yours,

Willie Lane, Jr.

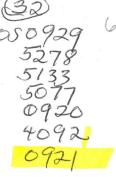
Chief

Water Resources Section



REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS TX 75202-2733

April 1, 2011



REPLY TO: 6EN-WR

THE LINK OIL CO 427 SOUTH BOSTON, SUITE 1000 TULSA OK 74103

Re:

Annual Well Operation Report

Dear Operator:

Underground Injection Control (UIC) regulations require you to submit an annual report of injection activities to the Environmental Protection Agency. A report is due for each well for which a form is enclosed. You may use either the enclosed form or any other format that includes the required information. Please submit the report to the Water Resources Section (6EN-WR); Environmental Protection Agency; 1445 Ross Avenue; Dallas, Texas 75202 within 30 days of the date of this letter.

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If you have questions, please contact Mr. Ronald Van Wyk at 214-665-6459.

Sincerely yours,

Willie Lane, Jr.

Chief

Water Resources Section

Enclosure



REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733

April 7, 2010

REPLY TO: 6EN-WR

THE LINK OIL CO 427 SOUTH BOSTON, SUITÉ 1000 TULSA OK 74103

Re:

Annual Well Operation Report

Dear Operator:

Our April 1, 2010, letter concerning annual operating reporting requirements for injection wells in the North Quadrant of the Osage Mineral Reserve included incorrect annual report forms. We also failed to include forms for reporting static fluid levels for inactive injection wells. Enclosed with this letter are corrected annual report forms and reports for fluid level monitoring for selected wells. Please disregard this letter, if you already completed all required annual reports for the April 2009 through March 2010 reporting period. Otherwise, please discard the forms that you received previously and submit your reports using the enclosed forms. As always submit the reports to the Water Resources Section (6EN-WR); Environmental Protection Agency; 1445 Ross Avenue; Dallas, Texas 75202.

We apologize for any inconvenience caused by our error. Please contact Mr. Ronald Van Wyk at 214-665-6459 if you have questions.

Sincerely yours

Ghief

Water Resources Section

Enclosures



REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TEXAS 75202-2733

April 1, 2010

REPLY TO: 6EN-WR

THE LINK OIL CO 427 SOUTH BOSTON, SUITE 1000 TULSA OK 74103

Re: Annual Well Operation Report

Dear Operator:

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If you have questions, please contact Mr. Ronald Van Wyk at 214-665-6459.

Sincerely yours,

Jerry Saunders

Chief

Water Resources Section

Cam Part Wagner

Enclosure

October 3, 2017

Bird Creek - Osage County, Oklahoma

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REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733

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REPLY TO:

6EN-WR

THE LINK OIL CO 427 SOUTH BOSTON, SUITE 1000 TULSA OK 74103

Re:

Annual Well Operation Report

Dear Operator:

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If you have questions, please contact Mr. Dale Selgrath at 214-665-8083.

Sincerely yours,

(Water Resources Section

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UNITED SITES ENVIRONMENTAL PROTECTION LINCY

REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733

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REPLY TO: 6EN-WR

THE LINK OIL CO 427 SOUTH BOSTON, SUITE 1000 TULSA OK 74103

Re: Annual Well Operation Report

Dear Operator:

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Sincerely, yours,

Jerry Sauder:

(Water Resources Section

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733

MAR 3 0 2007

REPLY TO: 6EN-WR

THE LINK OIL CO 427 SOUTH BOSTON, SUITE 1000 TULSA,OK 74103

Re: Annual Well Operation Report

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Sincerely yours,

(Water Resources Section



REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733

MAR 3 1 2006

REPLY TO: 6EN-WR

THE LINK OIL CO 427 SOUTH BOSTON, SUITE 1000 TULSA.OK 74103

Re: Annual Well Operation Report

Dear Operator:

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Mief

Water Resources Section

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733

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REPLY TO: 6EN-WO

THE LINK OIL CO 427 SOUTH BOSTON, SUITE 1000 TULSA,OK 74103

Re: Annual Well Operation Report

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If you have any questions, please contact Mr. Dale Selgrath at 214-665-8083.

Sincerely yours,

Chief

AR/LA/OK NPDES (UIC) Section

Enclosure (s)

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Bird Creek - Osage County, Oklahoma

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October 3, 2017

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733

MAR 3 1 2004

REPLY TO: 6EN-WO

THE LINK OIL CO 427 South Boston, Suite 1408 TULSA,OK 74103

Re: Annual Well Operation Report

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Chief

AR/LA/OK NPDES (UIC) Section

Enclosure (s)

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REPLY TO: 6EN-WO

THE LINK OIL CO 427 South Boston, Suite 1408 TULSA,OK 74103

Re: Annual Well Operation Report

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Sincerely yours

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Chief

AR/LA/OK NPDES (UIC) Section

Enclosure (s)

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October 3, 2017

Bird Creek - Osage County, Oklahoma

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REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733

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REPLY TO: 6EN-WO

THE LINK OIL CO 427 South Boston, Suite 1408 TULSA,OK 74103

Re: Annual Well Operation Report

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Sincerely yours,

AR/LA/OK NPDES (UIC) Section

Bird Creek - Osage County, Oklahoma

October 3, 2017

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733

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REPLY TO: 6EN-WO

THE LINK OIL CO 427 South Boston, Suite 1408 TULSA,OK 74103

Re: Annual Well Operation Report

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If you have questions, please contact Mr. Dale Selgrath at 214-665-8083.

Sincerely yours

Jerry Saunders Chief

AR/LA/OK NPDES (UIC) Section

Enclosures

Bird Creek - Osage County, Oklahoma 8-B8_OS0921

October 3, 2017

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REPLY TO: 6EN-WO

THE LINK OIL CO 427 South Boston, Suite 1408 TULSA.OK 74103

Re: Annual Well Operation Report

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Sincerely yours,

Jerry Saunders

Chief

AR/LA/OK NPDES (UIC) Section

October 3, 2017 Bird Creek - Osage County, Oklahoma 8-B8_OS0921 68 of 168

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REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733

March 31, 1999



REPLY TO: 6EN-WO

THE LINK OIL CO 1408 PHILTOWER BLDG TULSA,OK 74103

Re: Annual Well Operation Report

Dear Operator:

Underground Injection Control (UIC) regulations require you to submit an annual report of injection activities to the Environmental Protection Agency. A report is due for each well for which a form is enclosed. You may use either the enclosed form or any other format that includes the required information. Please submit the report to the AR/LA/OK NPDES (UIC) Section (6EN-WO); Environmental Protection Agency; 1445 Ross Avenue; Dallas, Texas 75202 within 30 days of the date of this letter.

The UIC permit for a well may require you to provide information in addition to that shown on the enclosed form. Submit that information with your report on a separate sheet of paper. Please review the permit for each of your injection wells to be sure that you are reporting all information required.

Data reported must be accurate and supported by your records. Osage UIC regulations require you to keep copies of monitoring reports and supporting records for at least three years.

If you have questions, please contact Mr. Dale Selgrath at 214-665-8083.

Sincerely yours,

Chief

AR/LA/OK NPDES (UIC) Section

Enclosures

Bird Creek - Osage County, Oklahoma

8-B8_OS0921 70 of 168

October 3, 2017

IMAGING ROOM RECEIVED 99 NOV -2 PM 4: 44

THE LINK OIL COMPANY

427 SOUTH BOSTON, SUITE 1408 TULSA, OKLAHOMA 74103-4146 (918) 585-8343

April 2, 1998

Mr. Jerry Saunders AR/LA/OK NPDES (UIC) Section (6EN-WO) Environmental Protection Agency 1445 Ross Avenue Dallas, Texas 75202

RE: Annual Well Operation Report

Dear Mr. Saunders:

As requested in your letter of March 31, 1998, enclosed are Annual Well Operation Reports for The Link Oil Company's wells B7-D, B-8, 9B and C-W4 for the period of March, 1998 through February, 1998.

Sincerely,

THE LINK OIL COMPANY

Mary Beth Wing

/mbw Encls.

- 6 1998

October 3, 2017

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Bird Creek - Osage County, Oklahoma

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8-B8_OS0921 72 of 168

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REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733

March 31, 1998

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0929

5133

REPLY TO: 6EN-WO

B0779

THE LINK OIL CO 1408 PHILTOWER BLDG TULSA OK 74103

Re: Annual Well Operation Report

Dear Operator:

Underground Injection Control (UIC) regulations require you to submit an annual report of injection activities to the Environmental Protection Agency. A report is due for each well for which a form is enclosed. You may use either the enclosed form or any other format that includes the required information. Please submit the report to the AR/LA/OK NPDES (UIC) Section (6EN-WO); Environmental Protection Agency; 1445 Ross Avenue; Dallas, Texas 75202 within 30 days of the date of this letter.

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Data reported must be accurate and supported by your records. Osage UIC regulations require you to keep copies of monitoring reports and supporting records for at least three years.

If you have questions, please contact Mr. Dale Selgrath at 214-665-8083.

Sincerely your

Jetry Saunders

AR/LA/OK NPDES (UIC) Section

Enclosure

October 3, 2017 Bird Creek - Osage County, Oklahoma

8-B8_OS0921 74 of 168

MAGING ROOM RECEIVED

98 MAY -5 PH 1: 34





REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733

March 31, 1997

REPLY TO: 6EN-WO

B0779

THE LINK OIL CO 1408 PHILTOWER BLDG TULSA OK 74103

Re: Annual Well Operation Report

Dear Operator:

Underground Injection Control (UIC) regulations require you to submit an annual report of injection activities to the Environmental Protection Agency. A report is due for each well for which a form is enclosed. You may use either the enclosed form or any other format that includes the required information. Please submit the report to the AR/LA/OK NPDES (UIC) Section (6EN-WO); Environmental Protection Agency; 1445 Ross Avenue; Dallas, Texas 75202 within 30 days of the date of this letter.

The UIC permit for a well may require you to provide information in addition to that shown on the enclosed form. Submit that information with your report on a separate sheet of paper. Please review the permit for each of your injection wells to be sure that you are reporting all information required.

Data reported must be accurate and supported by your records. Osage UIC regulations require you to keep copies of monitoring reports and supporting records for at least three years.

If you have questions, please contact Mr. Dale Selgrath at 214-665-8083.

Sincerely yours

Jerry

AR/LA/OK NPDES (UIC) Section

Enclosures

October 3, 2017

Bird Creek - Osage County, Oklahoma

8-B8_OS0921 76 of 168

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 6

1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733

March 29, 1996

B0 779

6EN-WO

THE LINK OIL CO 1408 PHILTOWER BLDG TULSA OK 74103

Re: Annual Well Operation Report

Dear Operator:

REPLY TO:

Underground Injection Control (UIC) regulations require operators of injection wells in Osage County, Oklahoma to submit annual operation reports to the Environmental Protection Agency to ensure that underground sources of drinking water are being protected. A report is now due for each well for which a form is enclosed. You may use either the enclosed form or any other format that includes the required information. Please send the report to me (within 30 days) at: AR/LA/OK NPDES (UIC) Section (6EN-WO); Environmental Protection Agency; 1445 Ross Avenue; Dallas, Texas 75202.

The enclosed form shows minimum data which you must report. In some instances, the UIC permit for a well may require you to provide additional data (e.g.; fluid production in the area). Therefore, check the permit for each of your injection wells to be sure that you are reporting all information required. You need to report tubing/casing annulus pressure only if you are demonstrating well mechanical integrity by maintaining positive annulus pressure.

Data reported must be accurate and supported by your records (e.g.; original echometer strip charts of fluid level monitoring or field books that show injection pressure and volume). Osage UIC regulations require you to retain copies of monitoring reports and supporting records for at least three years. Also, note that the "certification" at the bottom of the form states that reported data are accurate.



REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TX, 75202-2733

March 30,1995

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RETLY TO: 6W-SE

THE LINK UIL LU
1408 PHILTUMER DEUG

TULSA UK 74103

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OS 0929

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Re: Annual Well Operation Report

Dear Operator:

Underground Injection Control (UIC) regulations require operators of injection wells in Osage County, Oklahoma to submit annual operation reports to the Environmental Protection Agency -- O CFR §§147.2913(b) and 147.2922(b)]. Submit reports required now to this off ce within 30 days after receipt of

A report form is enclosed for each of your injection wells for which a report is now due. The report form shows minimum data which must be reported for each well. The data may be submitted on another format (e.g.; computer printouts, etc.). However, you must submit, at a minimum, the same information shown on the enclosed form.

You may be required to submit data not shown on the form (e.g.; fluil production in the area). Therefore, before you complete the annual report, check the permit for each of your injection wells to be sure that you are reporting all information required. Failure to report all information required by a UIC permit for a well could result in enforcement action.

Make sure that the reported data can be supported by your records (e. g.; original echometer strip charts of fluid level monitoring or field books to show daily injection pressure and volume). Osage UIC regulations [40 CFR $\S147.2913$ (e) and 147.22(d)] require that you retain monitoring records for at least three years. Also, reporting of information that cannot be supported by records may result in enforcement action. The Safe Drinking Water Act, as amended (42 USC $\S300f$ et seq.) provides for civil and criminal enforcement for reporting inaccurate or false information. Monetary penalties of up to $\S25,000$ per day of violation may be assessed.

If you have questions, please contact Mr. Dale Selgrath at 214-665-8083.

Sincerely yours,

Bernadine Gordon

Chief

Administrative Section (6W-SA)

Enclosures

cc: Osage UIC Office BIA, Minerals Office



050920





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733

REPLY TO: 6W-SE

B0779

THE LINK OIL CO 1408 PHILTOWER BLDG TULSA OK 74103

050921 055133

Re: Annual Well Operation Report

Dear Operator:

Underground Injection Control (UIC) regulations require operators of injection wells in Osage County, Oklahoma to submit annual operation reports to the Environmental Protection Agency to ensure that underground sources of drinking water are being protected. A report is now due for each well for which a form is enclosed. You may use either the enclosed form or any other format that includes the required information. Please send the report to me (within 30 days) at: UIC Administrative Section (6W-SA); Environmental Protection Agency; 1445 Ross Avenue; Dallas, Texas 75202.

The enclosed form shows minimum data which you must report. In some instances, the UIC permit for a well may require you to provide additional data (e.g.; fluid production in the area). Therefore, check the permit for each of your injection wells to be sure that you are reporting all information required. You need to report tubing/casing annulus pressure only if you are demonstrating well mechanical integrity by maintaining positive annulus pressure.

Data reported must be accurate and supported by your records (e. g.; original echometer strip charts of fluid level monitoring or field books that show injection pressure and volume). Osage UIC regulations require you to retain copies of monitoring reports and supporting records for at least three years. Also, note that the "certification" at the bottom of the form states that reported data are accurate.

Thank you for doing your part in protecting the environment for current and future generations in Osage County. If you have questions, please contact Mr. Dale Selgrath at 214-655-8082.

Sincerely yours, unadine Gordon

Bernadine Gordon

Chief

Administrative Section (6W-SA)

Enclosures

cc: Osage UIC Office BIA, Minerals Branch





REGION 6

1445 ROSS AVENUE. SUITE 1200 DALLAS. TEXAS 75202-2733

050921

March 30, 1993

05 0929

05 5133

REPLY TO: 6W-SE

5 779

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Re: Annual Well Operation Report

Dear Operator:

Underground Injection Control (UIC) Program regulations require operators of injection wells in Osage County, Oklahoma to submit annual operation reports to the Environmental Protection Agency [40 CFR §§147.2913(b) and 147.2922(b)]. Submit reports required now to the address shown below within 30 days after receipt of this letter.

UIC Permits/Enforcement Section (6W-SE) U.S. Environmental Protection Agency 1445 Ross Avenue Dallas, TX 75202-2733

A report form is enclosed for each injection well for which a report is now due. The data may be submitted on another format (computer printouts, etc.). However, you must submit the same information requested on the enclosed form. Tubing/casing annulus pressure monitoring is required only if you choose to demonstrate mechanical integrity through tubing/casing monitoring [40 CFR §§147.2912(a)(1)(ii) and 147.2920(b)(1)(ii)].

If you have questions, please contact Ms. Thea Lomax at 214-655-8098 or the Osage UIC Office at 918-287-4041.

Sincerely yours,

Gus Chavarria

Chief

UIC Permits and Enforcement Section (6W-SE)

Enclosures

cc: Osage UIC Office BIA, Minerals Office





REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733

050929

March 30, 1992

REPLY TO: 6W-SE

055133

B0779

THE LINK OIL CO 1408 PHILTOWER BLDG TULSA OK 74103

Re: Annual Well Operation Report

Dear Sir:

Underground Injection Control (UIC) Program regulations require operators of injection wells in Osage County, Oklahoma to submit annual operation reports to the Environmental Protection Agency [40 CFR §§147.2913(b) and 147.2922(b)]. Submit reports required now to the address shown below within 30 days after receipt of this letter.

UIC Permits/Enforcement Section (6W-SE)
U.S. Environmental Protection Agency
1445 Ross Avenue
Dallas, TX 75202-2733

A report form is enclosed for each injection well for which a report is now due. The data may be submitted on another format (computer printouts, etc.). However, you must submit the same information requested on the enclosed form. Tubing/casing annulus pressure monitoring is required only if you choose to demonstrate mechanical integrity through tubing/casing monitoring [40 CFR §§147.2912(a)(1)(ii) and 147.2920(b)(1)(ii)].

If you have questions, please contact Ms. Thea Lomax at 214-655-7165 or the Osage UIC Office at 918-287-4041.

Sincerely yours,

Chiaf

UIC Permits and Enforcement Section (6W-SE)

Enclosures

cc: Osage UIC Office

BIA, Minerals Office





REGION 6

1445 ROSS AVENUE. SUITE 1200 **DALLAS. TEXAS 75202-2733**

0929

5/33 March 30, 1991

REPLY TO: 6W-SE

B0779

THE LINK DIL CO 1408 PHILTUWER BLDG TULSA UK 74103

Re: Annual Well Operation Report

Dear Sir:

Underground Injection Control (UIC) Program regulations require operators of injection wells in Osage County, Oklahoma to submit annual operation reports to the Environmental Protection Agency [40 CFR §§147.2913(b) and 147.2922(b)]. Submit reports required now to the address shown below within 30 days after receipt of this letter.

> UIC Permits/Enforcement Section (6W-SE) U.S. Environmental Protection Agency 1445 Ross Avenue Dallas, TX 75202-2733

A report form is enclosed for each injection well for which a report is now due. The data may be submitted on another format (computer printouts, etc.). However, you must submit the same information requested on the en losed form. Tubing/casing annulus pressure monitoring is required only if yo choose to demonstrate mechanical integrity through tubing/casing monitoring [40 CFR §§147.2912(a)(1)(ii) and 147.2920(b)(1)(ii)].

If you have questions, please contact Ms. Thea Lomax at 214-655-7165 or the Osage UIC Office at 918-287-4041.

Sincerely yours

Chavarria

UIC Permits and Enforcement Section (6W-SE)

Enclosures

cc: Osage UIC Office

BIA, Minerals Office

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7345 A 135 ALCINE 50, 15, 1200 25, 154 TANS 7-120 114 32)

March 30, 1990

REPLY TO: 6W-SE

53779

THE CIME OF CO 1400 PHILIOMER ALDO TULSA DE 74103

Re: Annual Well Operation Report

05 920

Dear Sir:

According to Osage Underground Injection Control (UIC) Program regulations operators of injection wells in Osage County, Oklahoma must submit annual operation reports to the Environmental Protection Agency [40 CFR $\S\S147.2913(b)$ and 147.2922(b)]. Submit this report by April 30, 1990, to:

AC 5/33

UIC Permits/Enforcement Section (6W-SE) U.S. Environmental Protection Agency 1445 Ross Avenue Dallas, TX 75202-2733

ATTN: Mr. Gus Chavarria

An appropriate report form is enclosed for each injection well for which a report is now due. The data may be submitted on another format (computer printouts, etc.). However, you must submit the same information requested on the enclosed form. Tubing/casing annulus pressure monitoring is required only if you choose to demonstrate mechanical integrity through tubing/casing monitoring [40 CFR $\S\S147.2912(a)(1)(ii)$ and 147.2920(b)(1)(ii)].

If you have questions, please contact Mr. Ray Leissner at (214) 655-7165 or the Osage UIC Office at (918) 287-4041.

Sincerely yours

Oscar Cabra, Jr., P.E.

Chief

Water Supply Branch (6W-S)

Enclosures

cc: Osage UIC Office
BIA, Minerals Office



REGION VI 1445 ROSS AVENUE, SUITE 1200 DALLAS, TEXAS 75202

MAR 3 1 1989

BU 779

THE LINK OIL CO 1408 PHILTOWER BLDG TULSA OK 74103 0929 5133 0920 0921

Re: Annual Disposal/Injection Well Monitoring Report

Dear Sir:

The Osage Underground Injection Control (UIC) Program regulations require Class II injection well operators to provide an annual operation report on each injection well to the Environmental Protection Agency [40 CFR §§147.2913(b) and 147.2922(b)]. The injection pressure and rate must be monitored monthly and reported annually. Submit this report by April 30, 1989, to:

UIC Permits/Enforcement Section (6W-SE) U.S. Environmental Protection Agency 1445 Ross Avenue Dallas, TX 75202-2733 ATTN: Mr. Gus Chavarria

A report form is enclosed for each injection well which you operate in Osage County, Oklahoma for which a report is now due. The data may be submitted on another format (computer printouts, etc.). However, you must submit the same information requested on the enclosed form. Tubing/casing annulus pressure monitoring is required only if you choose to demonstrate mechanical integrity through tubing/casing monitoring [40 CFR $\S\S147.2912(a)(1)(ii)$ and 147.2920(b)(1)(ii)].

Your cooperation in this matter is appreciated. If you have questions, please contact Ms. Thea Lomax at (214) 655-7165 or the Osage UIC Office at (918) 287-4041.

Sincerely yours,

Oscar Cabra, Jr. P.E.

Chief

Water Supply Branch (6W-S)

Enclosures

cc: Osage UIC Office
BIA Minerals Office

(32)

10 40E MC 57

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VI

ALLIED BANK TOWER AT FOUNTAIN PLACE 1445 ROSS AVENUE DALLAS, TEXAS 75202

.

March 31, 1988

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921

B0779

THE LINK OIL CO 1408 PHILTOWER BLDG TULSA OK 74103

Re: Annual Disposal/Injection Well Monitoring Report

Dear Sir:

The Osage Underground Injection Control (UIC) Program regulations require Class II injection well operators to provide an annual operation report on each injection well to the Environmental Protection Agency [40 CFR $\S\S147.2913(b)$ and 147.2922(b)]. The injection pressure and rate must be monitored monthly and reported annually. Submit this report by April 30, 1988, to:

UIC Permits/Enforcement Section (6W-SE)
U.S. Environmental Protection Agency
1445 Ross Avenue
Dallas, TX 75202-2733
ATTN: Mr. Gus Chavarria

A report form is enclosed for each injection well which you operate in Osage County, Oklahoma for which a report is now due. The data may be submitted on another format (computer printouts, etc.). However, you must submit the same information requested on the enclosed form. Tubing/casing annulus pressure monitoring is required only if you choose to demonstrate mechanical integrity through tubing/casing monitoring [40 CFR §§147.2912(a)(1)(ii) and 147.2920(b)(1)(ii)].

Your cooperation in this matter is appreciated. If you have questions, please contact Mr. John Walker in Dallas at (214) 655-7165 or the Osage UIC Office in Pawhuska at (918) 287-4041.

Sincerely yours,

scar Cabra Jr. P.F.

Chief

Water Supply Branch (6W-S)

Enclosures

cc: Osage UIC Office BIA Minerals Office

8-B8 OS0921 ENF 9

P-513 233 746 North 920 RECEIPT FOR CERTIFIED MAIL NO INSURANCE COVERAGE PROVIDED

NOT FOR INTERNATIONAL MAIL (See Reverse)

921 929

5133



UNITED STATES ENVIRONMENTAL PI

REGION VI

ALLIED BANK TOWER AT FOUNTAIN PLACE 1445 ROSS AVENUE DALLAS, TEXAS 75202

MAR 3 1 1987

REPLY TO: 6W-SE

Certified Mail #P513233746 - Return Receipt Requested

The Link Oil Company 703 Philtower Building Tulsa, OK 74103

Annual Disposal/Injection Well Monitoring Report

Dear Sir:

The Osage Underground Injection Control (UIC) Progr require each Class II injection well operator to provide ation report to the Environmental Protection Agency (40 and 147.2922(b)). The injection pressure and rate must monthly and reported annually. Please submit this report

Permits/Enforcement Section (6W-SE) U.S. Environmental Protection Agency 1445 Ross Avenue Dallas, TX 75202-2733

Attn: Mr. Gus Chavarria

An Annual Disposal/Injection Well Monitoring Report is due by April 30, 1987, for each well in Osage County, Oklahoma, listed on the enclosure. The data may be submitted on some other format (computer printouts, etc.). However, you must submit the same information requested on the enclosed form.

Your cooperation in this matter is appreciated. If you have questions, please contact Mr. Desi Crouther in Dallas at (214) 655-7165 or the Osage UIC office in Pawhuska at (918) 287-4041.

Sincerely yours.

Oscar Cabra.

Chief

Water Supply Branch (6W-S)

THE LINK DIL CO 703 PHILTOWER BLDG TULSA DK. 7 Certified Fee Special Delivery Fee Restricted Delivery Fee Return Receipt showing to whom and Date Delivered Return Receipt showing to wh Date, and Address of Delivery TOTAL Postage and Fees 3800, Postmark or Date Form (MA界 容 1 1987 PS

P-513 233 746

YFAVIE

October 3, 2017

Bird Creek - Osage County, Oklahoma

States Environmental Protection Age

Underground Injection Control Program 1445 Ross Avenue

Dallas, TX 75202-2733

8-B8_OS0921 87 of 168

Chapman B8

Annual Disposal/Injection Well Monitoring Report

Operator: WARREN AMERICAN OIL COMPANY

P.O. BOX 470372 **TULSA OK 74147** Owner: WARREN AMERICAN OIL COMPANY

P.O. BOX 470372 **TULSA OK 74147**

State: OK

County: OSAGE

Inventory Number: OS0921000

Qtr Section: SE

Section: 01

Township: 27N Range: 07E

Lease Name

Surface Location: 990N/990E

Well Number

B-8

Well Activity Disposal No. of Wells:

Type of Permit Individual

Area

	Injection Pressure		Total Vo		Tubing-Casing Annulus Pressure (Optional Monit	
Month/Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Apr 2016	10	10	42735			
May 2016	10	10	48912			
Jun 2016	19	30	47415			,
Jul 2016	29	30	49339			
Aug 2016	64	100	46032			
Sep 2016	44	175	24808			
Oct 2016	29	75	29589		e e	
Nov 2016	25	25	30833		j.	
Dec 2016	29	40	29933		ä.	
Jan 2017	0	0	33889		. 200	
Feb 2017	0	0	21856		/	
Mar 2017	0	0	26761			

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Signature:

Date Signed:

Sandra Bejcek administrative assistant

8-B8_OS0921 88 of 168

Scan Code: 30

Well Inspection

Osage Nation / Environmental Protection Agency

P. O. Box 1495 Pawhuska, OK 74056

Inspector: Rick L. Davis	Dt/Tm Inspected: <u>11/16/2016 1:34:00 PM</u> Duration:
Operator Representative: Matt Allen	Dt Scheduled: Dt Op Notified
General Well I	Data and Inspection Information
Operator: WARREN AMERICAN OIL COMPANY	Inventory No.: OS0921 API Well No. 35-113-34149-00-00
7326 COUNTY ROAD 2420	W. H.V. D. C. D. C
BARNSDALL, OK 74002	Location: SE 1 27N 7E 990E - 990N Well Type: SWD
Phone: (918) 846-2293	Field Nm:Lat/Lng: 36.845139, -96.496017 G
ROUTIN	E W/MIT INSPECTION
Purpose: Operator Request Responsible Co	mpany at Time of Inspection: WARREN AMERICAN OIL COMPANY
Inspect No.: iDEV1632736914 Notification Type	ne.
	t to Owner: Extension Date:
Comply No.: Date Remedy R	
Pr	essures / Conditions
Date Last MIT: 11/16/2016 Test Result:	Casing: <u>5.500</u> in. Tubing: <u>2.375</u> in. USDW: <u>663</u> ft subsurf
Monitoring Device Elected:	Tubing Annulus
Monitoring Device:	Fittings: Y Y AUTHORIZED
FLM Canister Pressure:	Actual Pressure: 15 0 Max Pressure: 695
Lease Status: Active	How Determined?: <u>COMP</u> <u>COMP</u> Min Req Press:
Barrel Monitor Hooked Up?:	Static Fluid Level: Max Rate:
Barrel Fluid Level (%):	How Determined?:
Flowline Hooked Up?: Y	Injection Rate (bpd): 1671 How Rate Determined? FM
Injecting?: Y	
	Comments
	Comments
Evaluation: Name: 100	Date: 11/20116
0,	In Organia
-	Received Date: 11/29/2016
Violation Code: Frequ	ency: Received Date. 11/29/2010

8-B8_OS0921 89 of 168

SCAN CODE: 28

Mechanical Integrity Test Results

Casing or Annulus Pressure Test
Osage Nation / Environmental Protection Agency
P.O. Box 1495

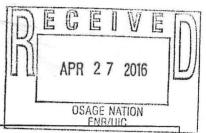
P.O. Box 1495 Pawhuska, OK 74056

Inspector: Rick L. Davis	Test Date: <u>11/16/2016</u> Test Time: <u>1:34 PM</u>					
Operator Representative: Matt Allen	Date Report Sent to Operator:					
Gener	ral Well Data					
Operator: WARREN AMERICAN OIL COMPANY -						
7326 COUNTY ROAD 2420	API Well No.: 35-113-34149-00-00					
BARNSDALL, OK 74002	Well Name/No.: CHAPMAN B-8					
	Location: SE 1 27N 7E 990N - 990E					
Phone: (918) 846-2293	Field name:					
Injection Interval: 2540 - 2552 USDW Bot: 663	Well Type: SWD					
Annulus Fluid Type: Concentric Pkr: Packer Depth: 2470						
Tubing and Annulus Pressure Test Results						
Type of MIT: WTR/BRINE Interface	Test Reason: 5-year Test					
	ar Lining: Seal-tite Dual Time Since Ann Filled: Hrs					
Tubing Annulu Time Pressure Time Pressure						
	psi					
	_psi ml					
Initial: 1:40 PM 15 280	_psi psi ml					
Mid: 2:10 PM 15 280	psi End: psi ml ml psi Total Volume: 0 ml					
Final:	_psi					
Casing/Tubing Annulus Monitoring	ADA Pressure Test - Required Test Pressure					
Device:	(Fluid Column Ht * Specific Gravity * .433 / N2 Wt Fac = Required Test Pressure)					
Fluid Level: Annulus Prs:psi						
Test Result: Acceptable	Depth to Top Perf/Open Hole: ft ft					
Failure Type:	Depth to Fluid Level: ft ft					
Failure Cause:	Fluid Column Height: ft ft ft					
Repair Due:	Specific Gravity of Fluid: 1.06 1.06					
Engineer Signature: Rick L. Davis	Nitrogen Weight Factor:					
Review Date: <u>11/22/2016</u>	Required Test Pressure: psi psi					

Additional Comments for Mechanical Integrity Test



United States Environmental Protection Agency Underground Injection Control Program 1445 Ross Avenue Dallas, TX 75202-2733



Annual Disposal/Injection Well Monitoring Report

Operator: WARREN AMERICAN OIL COMPANY

P.O. BOX 470372 TULSA OK 74147 Owner: WARREN AMERICAN OIL COMPANY

P.O. BOX 470372 TULSA OK 74147

TULSA OK 74147 TULSA OK

State: OK

County: OSAGE

Inventory Number: OS0921000

Qtr Section: SE

Section: 01

Range: 07E

Lease Name

Surface Location: 990N/990E

Well Number

Disposal

Well Activity

No. of Wells:

Type of Permit
Individual

Township: 27N

Area

Charman-Osage

B-8

	Inject Press		Total Vo Injec			sing Annulus tional Monitor)
Month/Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Apr 2015	50	100	34773			
May 2015	100	100	33232			
Jun 2015	130	200	29929			
Jul 2015	160	175	36540			
Aug 2015	130	225	26195			
Sep 2015	100	150	17522			
Oct 2015	100	140	21394			
Nov 2015	100	150	21369			
Dec 2015	50	75	16705			
Jan 2016	10	30	16480			
Feb 2016	20	30	15209			
Mar 2016	10	10	43001			

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Mary Howell

Signature:

Date Signed:

Field Clark

many Lowell

4-19-16

5 tead

Scan Code: 30

Well Inspection

Osage Nation / Environmental Protection Agency

P. O. Box 1495 Pawhuska, OK 74056

Inspector: <u>Larry Stephens</u>	Dt/Tm Inspected: <u>8/11/2015 12:15:00 PM</u> Duration: <u>1.8</u>
Operator Representative: NONE	Dt Scheduled: Dt Op Notified
General Well Da	ta and Inspection Information
	Inventory No.: OS0921 API Well No. 35-113-34149-00-00 Well Name/No.: CHAPMAN B-8 B-8 Status:
BARNSDALL, OK 74002	Location: SE 1 27N 7E 990E - 990N Well Type: SWD
Phone: (918) 846-2293	Field Nm:Lat/Lng: <u>36.845139</u> , -96.496017 G
ROUTIN	E UIC INSPECTION
Purpose: Routine Periodic Responsible Comp	pany at Time of Inspection: WARREN AMERICAN OIL COMPANY
Inspect No.: iLMS1522451569 Notification Type:	
	Owner: Extension Date:
Comply No.: Date Remedy Req	
Pres	sures / Conditions
	Casing: 5.500 in. Tubing: 2.375 in. USDW: 663 ft subsurf
Monitoring Device Elected: Monitoring Device: FLM Canister Pressure: Lease Status: Barrel Monitor Hooked Up?: Barrel Fluid Level (%): Flowline Hooked Up?: Injecting?: ACTIVE WELL	Tubing Annulus Fittings: Y Y AUTHORIZED Actual Pressure: 120 0 Max Pressure: 695 How Determined?: COMP OV Min Req Press: Static Fluid Level: Max Rate: How Determined?: Injection Rate (bpd): How Rate Determined? Comments Comments
Evaluation: Name:	Date: 7: 07 .15
	ow-up: A Reason: See
Violation Code: None Frequen	0/07/0017

Warren America Co.

United States Environmental Protection Agency Underground Injection Control Program 1445 Ross Avenue Dallas, TX 75202-2733

Annual Disposal/Injection Well Monitoring Report

Operator: WARREN AMERICAN OIL COMPANY 6585 SOUTH YALE AVE., SUITE 800

TULSA OK 74136

Owner: WARREN AMERICAN OIL COMPANY 6585 SOUTH YALE AVE., SUITE 800

TULSA OK 74136

State: OK

Qtr Section: SE

County: OSAGE

Township: 27N

Range: 07E

Inventory Number: OS0921000

Surface Location: 990N/990E

Well Activity

Section: 01

Type of Permit Individual

Lease Name

Well Number

B-8

Disposal No. of Wells

Area

	Injecti Pressi		Total Vo		Tubing-Casing Annulus Pressure (Optional Monitor) Min PSIG Max PSIG	
Month/Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Apr 2014	. 60	60	34662		-	
May 2014	160	60	35604			
Jun 2014	65	75	34861			
Jul 2014	95	105	36337			
Aug 2014	izo	130	35521			
Sep 2014	115	120	34113	•		
Oct 2014	601	125	33851			
Nov 2014	50	100	24758			
Dec 2014	80	90	26959			
Jan 2015	90	110	15169			
Feb 2015	100	130	29434			
Mar 2015	95	120	28959		'	

CERTIFICATION

t certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the baset of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting fatse information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Signature:

Date Signed:

4-14-15

8-B8_OS0921 93 of 168

Scan Code: 30

Well Inspection Seage Nation / Environmental Protection

Osage Nation / Environmental Protection Agency P. O. Box 1495

Pawhuska, OK 74056

Inspector: Larry Stephens	Dt/Tm Inspected: <u>6/10/2014 3:40:00 PM</u> Duration: <u>0.3</u>
Operator Representative: NONE	Dt Scheduled: Dt Op Notified
General Well Da	ata and Inspection Information
Operator: The Link Oil Company	Inventory No.: OS0921 API Well No. 35-113-34149-00-00
427 South Boston - Ste 1000	Well Name/No.: CHAPMAN B-8 B-8 Status:
Tulsa, Ok 74103	Location: SE 1 27N 7E 990E - 990N Well Type: SWD
Phone: (918) 585-8343	Field Nm:Lat/Lng: 36.845139, -96.496017 G
ROUTIN	TE UIC INSPECTION
Purpose: Routine Periodic Responsible Com	pany at Time of Inspection: The Link Oil Company
Inspect No.: iLMS1416256153 Notification Type	
Incident No.: Date Letter Sent t	o Owner: Extension Date:
Comply No.: Date Remedy Rec	quired: Date Passed:
Pres	ssures / Conditions
	Casing: <u>5.500</u> in. Tubing: <u>2.375</u> in. USDW: <u>663</u> ft subsurf
Monitoring Device Elected:	Tubing Annulus
Monitoring Device:	Fittings: Y Y AUTHORIZED
FLM Canister Pressure:	Actual Pressure: 62 0 Max Pressure: 695
Lease Status: Active	How Determined?: COMP OV Min Req Press:
Barrel Monitor Hooked Up?:	Static Fluid Level: Max Rate:
Barrel Fluid Level (%):	How Determined?:
Flowline Hooked Up?: Y	Injection Rate (bpd): How Rate Determined?
Injecting?: Y	
	Community
	Comments
ACTIVE WELL	
Evaluation: Name:	Date: 623:14
Inspection Results: Follows	8 8
Violation Code: More Frequen	(100/0014
Totalon Code. Aprile Treques	700

Bird Creek - Osage County, Oklahoma

U. 3d States Environmental Protection Age Underground Injection Control Program
1445 Ross Avenue
Dallas, TX 75202-2733



94 of 168

Annual Disposal/Injection Well Monitoring Report

Oper	Operator: THE LINK OIL CO 427 SOUTH BOSTON, SUITE 1000 TULSA OK 74103			Owner: THE LINK OIL CO 427 SOUTH BOSTON, SUITE 1000 TULSA OK 74103			
State: Qtr Se	OK Cou	nty: OSAGE Section: 01	Township: 27	7N Range: 0		ry Number: OS0 Location: 990	
	Well Activity Disposal No. of Wells:		Type of Permit Individual Area	Lease Name	1	<u>w</u> В-	<mark>'ell Number</mark> -8
		Inject Press		Total Vo Injec			sing Annulus tional Monitor)
	Month/Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
	Apr 2013	46	60	34,106			
	May 2013	46	60	35,545			
	Jun 2013	46	60	33,008			*.
	Jul 2013	46	60	35,906			
	Aug 2013	46	60	35,620			
	Sep 2013	46	60	34,017	8		
	Oct 2013	46	60	33,345			
	Nov 2013	46	60	35,021			
	Dec 2013	46	60	36,190			
	Jan 2014	46	60	36,059			
	Feb 2014	43	50	32,443			
	Mar 2014	39	55	35,484			

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:	Signature:	Date Signed:	
JUHN BURROUGHS		il it il	
VP-DPERATIONS	Ah Ellevighs	4-14-14	

United States Environmental Protection Ager Underground Injection Control Program 1445 Ross Avenue Dallas, TX 75202-2733



Annual Disposal/Injection Well Monitoring Report

Operator: THE LINK OIL CO	Owner: THE LINK OIL CO
427 SOUTH BOSTON, SUITE 1000	427 SOUTH BOSTON, SUITE 1000
TULSA OK 74103	TULSA OK 74103

State: OK C	ounty: OSAGE			Inventory Number:	OS0921000
Qtr Section: SE	Section: 01	Township: 27N	Range: 07E	Surface Location:	990N/990E
Well Activit	t y	Type of Permit	Lease Name		Well Number
Disposal		x Individual			B-8
No. of Wells	s: <u>4</u>	Area	Chapman-Osage		

	Inject Press		Total V			sing Annulus tional Monitor)
Month/Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Apr 2012	Vacuum		34331			
May 2012	11		34430			
Jun 2012	11		34863.			
Jul 2012	11		35948 /			
Aug 2012	11		35282			
Sep 2012	11		34629			
Oct 2012	11		34747			
Nov 2012	11		34069			
Dec 2012	11		35818			
Jan 2013	11		34623			
Feb 2013	11		31807			
Mar 2013	11		34656			

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Robert B. Lyon Jr.

President

ure: Date Signed:

April 12, 2013

್ರುತಿtates Environmental Protection Ager Underground Injection Control Program 1445 Ross Avenue Dallas, TX 75202-2733



Annual Disposal/Injection Well Monitoring Report

Operator: THE LINK	OIL:	CO
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427 SOUTH BOSTON, SUITE 1000

TULSA OK 74103

Owner: THE LINK OIL CO

427 SOUTH BOSTON, SUITE 1000

TULSA OK 74103

State: OK **County: OSAGE Inventory Number: OS0921000 Qtr Section: SE** Section: 01 Township: 27N Range: 07E Surface Location: 990N/990E

Well Activity Type of Permit Lease Name Well Number Individual Disposal B-8 Chapman-Osage No. of Wells: _ Area

	Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monito	
Month/Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Apr 2011	Vacuum		35111			
May 2011	11		36086			
Jun 2011	11		31513			
Jul 2011	11		31430			
Aug 2011	11		29113			
Sep 2011	11		32279			
Oct 2011	11		33914			
Nov 2011	11		32858			·
Dec 2011	11		34259			
Jan 2012	11		34416			
Feb 2012	11	-	31832			
Mar 2012	17		34875			

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility-of-fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Robert B. Lyon, Jr.

President

Date Signed:

April 24, 2012

SCAN CODE: 28

Mechanical Integrity Test Results

Casing or Annulus Pressure Test
Osage Nation / Environmental Protection Agency
P.O. Box 1495
Pawhuska, OK 74056

Inspector: Larry Stephens		Test Date:	09/14/2011	_ Test Tim	ne: $9:05$	AM	
Operator Representative: TRACY KENNEDY			_ Date Report S	Sent to Oper	ator:		
	Genera	l Well D	ata ata				
Operator: The Link Oil Company - 334		Inv	entory Number:	OS0921			
427 South Boston - Ste 1000		AP	I Well No.:	35-113-34	149-00-00		
Tulsa, Ok 74103		We	ell Name/No.:	CHAPMA	N B-8		
		Lo	cation:	SE 1 27	N 7E 9901	N - 990E	
Phone: (918) 585-8343		Fie	ld name:				
Injection Interval: 2540 - 2552 USDW Bot	: 663	We	ell Type:	SWD			
Annulus Fluid Type: Concentric Pkr: Packer Depth:2470 Casing:5.500 in. Tubing: ##### in.					<u>####</u> in.		
Tubing and	Annul	us Pressu	re Test Result	ts .			
Type of MIT: Std. Annulus Pres. Test			st Reason: 5-y				
Inj. Status: Y Inj. Rate: bpd	Tubula	Lining:	Seal-tite Dual	Time Sinc	e Ann Filled	:	Hrs
Tubing	Annulus		Flowback	Pressure	Volum	e	
<u>Time</u> <u>Pressure</u> <u>Time</u>	Pressure	2	High:	200 p	psi		
Pre-Test:0	0	psi	Mid:	100 p	psi <u>1750</u>	_ ml	
Initial: 9:05 AM 0	200	psi	Low:		psi <u>1500</u>	ml	
Mid: 9:20 AM 0	195	psi	End:	0 1	psi <u>1500</u>	_ ml	
Final: 9:35 AM 0	190	_psi	Total Vo	olume:	4750	_ ml	
Casing/Tubing Annulus Monitoring		ADA Pre	ssure Test - Requ	uired Test P	ressure		
Device:		(Fluid Co	olumn Ht * Specific G	ravity * .433 / N	N2 Wt Fac = Req	uired Test	Pressure)
Fluid Level: Annulus Prs:	psi			Tul	bing	Annulu	<u>IS</u>
Test Result: Acceptable		Depth to	Top Perf/Open H	Hole:	ft		ft
Failure Type:	Depth to Fluid Level:				ft _		ft
Failure Cause:	ure Cause: Fluid Column				ft		ft
Repair Due:			Gravity of Fluid:	1	.06	1.06	
Engineer Signature: Rick L. Davis			Weight Factor:				
Review Date: 09/22/2011		Required	Test Pressure:		psi		psi

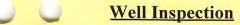
Additional Comments for Mechanical Integrity Test

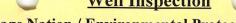
NO CHANGE IN PACKER DEPTH; HELD PRESSURE OK

Received Date: 9/26/2011

Bird Creek - Osage County, Oklahoma

8-B8_OS0921 98 of 168







Scan Code: 30

Osage Nation / Environmental Protection Agency P. O. Box 1495 Pawhuska, OK 74056

Inspector: Larry Stephens	Dt/Tm Inspected: <u>9/14/2011 9:05:00 AM</u> Duration: <u>1.0</u>			
Operator Representative: TRACY KENNEDY	Dt Scheduled: Dt Op Notified			
General Well Da	ta and Inspection Information			
Operator: The Link Oil Company	Inventory No.: OS0921 API Well No. 35-113-34149-00-00			
	Well Name/No.: CHAPMAN B-8 B-8 Status:			
<u>Tulsa</u> , Ok 74103	Location: SE 1 27N 7E 990E - 990N Well Type: SWD			
Phone: (918) 585-8343	Field Nm:Lat/Lng: <u>36.845139</u> , -96.496017 G			
ROUTINE	W/MIT INSPECTION			
Purpose: Responsible Comp	pany at Time of Inspection: The Link Oil Company			
Inspect No.: <u>iLMS1125833395</u> Notification Type:				
	Owner: Extension Date:			
Comply No.: Date Remedy Req	uired: Date Passed:			
Pres	sures / Conditions			
Date Last MIT: 9/14/2011 Test Result:	Casing: <u>5.500</u> in. Tubing: <u>2.375</u> in. USDW: <u>663</u> ft subsurf			
Monitoring Device Elected:	Tubing Annulus			
Monitoring Device:	Fittings: Y Y AUTHORIZED			
FLM Canister Pressure:	Actual Pressure: 20 0 Max Pressure: 695			
Lease Status: Active	How Determined?: <u>UIC</u> <u>OV</u> Min Req Press:			
Barrel Monitor Hooked Up?:	Static Fluid Level: 0 Max Rate:			
Barrel Fluid Level (%):	How Determined?: O			
Flowline Hooked Up?: Y_	Injection Rate (bpd): How Rate Determined?			
Injecting?: Y				
	Comments			
ACTIVE INJECTION WELL; 5 YR MIT; HE	I D bbessibe ok			
ACTIVE INJECTION WELL, 5 TR MIT, HE	ED FRESSURE OR			
Evaluation: Name: fraukt 97	Date: 9/2(/11			
Inspection Results: / Follo				
Violation Code: Nene Frequen				

United States Environmental Protection Agency Underground Injection Control Program 1445 Ross Avenue Dallas, TX 75202-2733

Annual Disposal/Injection Well Monitoring Report

APR 1 3 2011

OSACE MATION

Operator: THE LINK OIL CO

427 SOUTH BOSTON, SUITE 1000

Section: 01

TULSA OK 74103

Owner: THE LINK OIL CO

427 SOUTH BOSTON, SUITE 1000

TULSA OK 74103

State: OK

Qtr Section: SE

County: OSAGE

Township: 27N

Range: 07E

Inventory Number: OS0921000

Surface Location: 990N/990E

Well Activity

No. of Wells:__

Type of Permit

Lease Name

Well Number

B-8

Disposal

| Individual

Area

Chapman-Osage

Ti _{ngs}	Inject Press		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)		
Month/Year	Avg PSIG	Max PSIG	SIG BBL MCF		Min PSIG	Max PSIG	
Apr 2010	Vacuum		37986				
May 2010	11		39251				
Jun 2010	11		36738				
Jul 2010	11	,	39247				
Aug 2010	11		39247				
Sep 2010	11		37957				
Oct 2010	11		39263				
Nov 2010	11		38036				
Dec 2010	11		30059				
Jan 2011	. 0		30776				
Feb 2011	. 11		28600			,	
Mar 2011	11		36062				

CERTIFICATION

Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title: Robert B. Lyon, Jr.

President

Signature:

Date Signed: April 12, 2011

Un State Environmental Protection Agen Underground Injection Control Program 1445 Ross Avenue Dallas, TX 75202-2733



Annual Disposal/Injection Well Monitoring Report

O	p	era	tor:	THE	LINK	OIL	CO

427 SOUTH BOSTON, SUITE 1000

TULSA OK 74103

Owner: THE LINK OIL CO

427 SOUTH BOSTON, SUITE 1000

TULSA OK 74103

State: OK County: OSAGE

No. of Wells: 4

Inventory Number: OS0921000

Qtr Section: SE

Section: 01

Township: 27N Range: 07E

Surface Location: 990N/990E

Well Activity

Type of Permit

Lease Name

Well Number

B-8

Disposal

∡ Individual Area

Chapman-Osage

	Inject Press		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)		
Month/Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG	
Apr 2010	Vacuum	,	37986				
May 2010	11		39251				
Jun 2010	11		36738				
Jul 2010	11	·	39247				
Aug 2010	. 11		39247				
Sep 2010	-11		37957				
Oct 2010	11		39263				
Nov 2010	11	. 7	38036				
Dec 2010	"		30059				
Jan 2011	11		30776				
Feb 2011			28600				
Mar 2011	- 11		36062				

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Robert B. Lyon, Jr.

President

Signature:

Date Signed:

April 12, 2011

8-B8_OS0921 101 of 168

Scan Code: 30

Well Inspection

Osage Nation / Environmental Protection Agency

P. O. Box 1495 Pawhuska, OK 74056

	Dt/Tm Inspected: <u>8/26/2010 10:15:00 AM</u> Duration: <u>0.4</u>
Operator Representative: NONE	Dt Scheduled: Dt Op Notified
General Well Da	ta and Inspection Information
427 South Boston - Ste 1000	Inventory No.: OS0921 API Well No. 35-113-34149-00-00 Well Name/No.: B-8 Status: Location: SE 1 27N 7E 990E - 990N Well Type: SWD Field Nm: Lat/Lng: 36.845139, -96.496017 G
Purpose: Routine Periodic Inspect No.: iLMS1023850505 Incident No.: Date Letter Sent to Date Remedy Requirements of the Comply No.: Date Remedy Requirements of the Complex No.: Date Remedy Re	Owner: Extension Date:
	Casing: <u>5.500</u> in. Tubing: <u>2.375</u> in. USDW: <u>663</u> ft subsurf
Monitoring Device: FLM Canister Pressure: Lease Status: Barrel Monitor Hooked Up?: Flowline Hooked Up?: Y Injecting?: ACTIVE WELL	Tubing Annulus Fittings: Y Y AUTHORIZED Actual Pressure: 135 0 Max Pressure: 695 How Determined?: UIC UIC Min Req Press: Static Fluid Level: Max Rate: How Determined?: Injection Rate (bpd): How Rate Determined? Comments Comments
Evaluation: Name: Parallel S.	Date: 9/3/10
	ow-up: A Reason: Sec Received Date: 9/2/2010
Violation Code: None Frequen	ncy: Received Date: 9/2/2010

d States Environmental Protection Ag Underground Injection Control Program 1445 Ross Avenue Dallas, TX 75202-2733



Annual Disposal/Injection Well Monitoring Report

Operator:	THE LINK OIL CO	Owner: THE LINK OIL CO

427 SOUTH BOSTON, SUITE 1000

TULSA OK 74103

427 SOUTH BOSTON, SUITE 1000

TULSA OK 74103

State: OK County: OSAGE				Inventory Number: OS		
Otr Section: SE	Section: 01	Township: 27N	Range: 07F	Surface Location:	QQAN/QQAE	

Well Activity Type of Permit **Lease Name** Well Number Individual Disposal B-8 No. of Wells: _ Area Chapman Osage

	Injection Pressure		Total V Injed		Tubing-Casing Annulus Pressure (Optional Monitor)	
Month/Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Apr '2009	Vacuum		26482			
May 2009	11		28549			
Jun 2009	11		28122			
Jul 2009	11		29705			
Aug 2009	11		29989			
Sep 2009	11		30727			
Oct '2009	11		37451			
Nov 2009	11		37171			
Dec 2009	11		38853			
Jan 2010	11	i	39011			
Feb ₂₀₁₀	11		35086			
Mar 2010	11		39165			

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Robert B. Lyon, Jr.

President

Date Signed:

April 7, 2010

103 of 168

I States Environmental Protection Age Underground Injection Control Program 1445 Ross Avenue Dallas, TX 75202-2733

Annual Disposal/Injection Well Monitoring Report

Operator: THE LINK O	IL CO
-----------------------------	-------

427 SOUTH BOSTON, SUITE 1000

TULSA OK 74103

Owner: THE LINK OIL CO

427 SOUTH BOSTON, SUITE 1000

TULSA OK 74103

State: OK County: OSAGE Inventory Number: OS0921000

Qtr Section: SE Section: 01 Township: 27N Range: 07E Surface Location: 990N/990E

Well Activity Type of Permit Lease Name Well Number

Disposal Individual B-8

	Injecti Press			olume cted	Tubing-Casing Annulus Pressure (Optional Monitor)	
Month/Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Apr 2008	Vacuum		28199			
May 2008	11		29140			
Jun 2008	11		27263			
Jul 2008	11		27699			9
Aug 2008	11		27746		6	
Sep 2008	11	9	27475			
Oct 2008	11		27553			
Nov 2008	11		27906			
Dec 2008	11		28627			
Jan 2009	.11		29261			
Feb 2009	11		24777			
Mar 2009	TT		29269			

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Robert B. Lyon, Jr.

President

Signature:

Date Signed:

4/20/2009



8-B8_OS0921 104 of 168

UIC UIC Min Req Press:

_____ Max Rate: ____

Injection Rate (bpd): _____ How Rate Determined?

Scan Code: 30

Well Inspection

Osage Nation / Environmental Protection Agency P. O. Box 1495 Pawhuska, OK 74056

Inspector: J. Andrew Yates _____ Dt/Tm Inspected: 6/10/2008 11:45:00 AM Duration: ______0.2 Operator Representative: KEVIN, TRACY & FRANK Dt Scheduled: Dt Op Notified ______ General Well Data and Inspection Information Operator: The Link Oil Company _____ Inventory No.: **OS0921** API Well No. 35-113-34149-00-00 427 South Boston - Ste 1000 Well Name/No.: B-8 Status: Tulsa, Ok 74103 Location: SE 1 27N 7E 990E - 990N Well Type: SWD (918) 585-8343 Phone: Field Nm: _____Lat/Lng: 36.845139, 96.496017 G ROUTINE UIC INSPECTION Purpose: Routine Periodic Responsible Company at Time of Inspection: The Link Oil Company Inspect No.: iJAY0816838470 Notification Type: Incident No.: Date Letter Sent to Owner: _____ Extension Date: ____ Comply No.: Date Remedy Required: Date Passed: Pressures / Conditions Date Last MIT: 10/18/2006 Test Result: ____ Casing: 5.500 in. Tubing: 2.375 in. USDW: 663 ft subsurf Monitoring Device Elected: Tubing Annulus Monitoring Device: Fittings: Y Y AUTHORIZED FLM Canister Pressure: 150 0 Max Pressure: 695 Actual Pressure:

How Determined?:

Static Fluid Level:

How Determined?:

Comments

Active

Y

ACTIVE WELL.

Lease Status:

Injecting?:

Barrel Monitor Hooked Up?:

Barrel Fluid Level (%):

Flowline Hooked Up?:

Evaluation:	Name:	fe.	Marchil	9	Eur Jh				Date:	7/1/08	
	Inspection	n Resu	lts:	1	_ Follow-up:	A	Reason:	Sei			
	Violation	1 Code:	Non	e	Frequency:	NR			Recei	ved Date: 6/20/2008	

79

Underground Injection Control Program 1445 Ross Avenue Dallas, TX 75202-2733

Annual Disposal/Injection Well Monitoring Report

	NK OIL CO UTH BOSTON, SI OK 74103	JITE 1000	Owner: THE LINK OIL CO 427 SOUTH BOSTON, SUITE 1000 TULSA OK 74103				
State: OK Co	ounty: OSAGE Section: 01	Township: 27N	Range: 07E	Inventory Number: OS0921000 Surface Location: 990N/990E			

Well Activity	Type of Permit	Lease Name	Well Number
Disposal	🛚 🗓 Individual		B-8
No. of Wells: 4	Area	Chapman-Osage	

	Injection Pressure			/olume cted	Tubing-Casing Annulus Pressure (Optional Monitor)	
Month/Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Apr 2007	Vacuum		28129			
May 2007	11		28143			
Jun 2007	11		27817			
Jul 2007	11		29049			
Aug 2007	11		29064			
Sep 2007	11		28060			
Oct 2007	11		29048			
Nov 2007	11		28145			
Dec 2007	11		29086			
Jan 2008	11		29108			
Feb 2008	11		27234			
Mar 2008	11		29129			

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Robert B. Lyon, Jr.

President

_Signature:

Date Signed:

4/9/08



Unit States Environmental Protection Agentum Underground Injection Control Program 1445 Ross Avenue Dallas, TX 75202-2733

Annual Disposal/Injection Well Monitoring Report

Operator:	THE LI	NK OIL	. CO
-----------	--------	--------	------

427 SOUTH BOSTON, SUITE 1000

TULSA OK 74103

Owner: THE LINK OIL CO

427 SOUTH BOSTON, SUITE 1000

Inventory Number: OS0921000

TULSA OK 74103

State: OK

Qtr Section: SE

County: OSAGE

Section: 01

Township: 27N

Range: 07E

Surface Location: 0990N-0990E

0330IN-0330E

Well Activity
DISPOSAL

No. of Wells:

Type of Permit

Lease Name

Well Number

B-8

X Individual

☐ Area

Chapman-Osage

North Quadrant Reporting Form

		Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
Month	Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Apr	2006	Vacuum		28125			
May	2006	11		29040			
Jun	2006	11		28105			
Jul	2006	11		29035			
Aug	2006	11		29115			
Sep	2006	11		27206			
Oct	2006	11		29148			
Nov	2006	11		28129			
Dec	2006	11		28102			
Jan	2007	11		29073			
Feb	2007	11		26267			
Mar	2007	11		29067			

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Robert B. Lyon, Jr.,

President

Signature

Date Signed:

4/5/07

4-16-0705

8-B8_OS0921 107 of 168

Scan Code: 30

Well Inspection

Osage Nation / Environmental Protection Agency P. O. Box 1495

Pawhuska, OK 74056

	Dt/Tm Inspected: <u>10/18/2006 12:00:00 PM</u> Duration: <u>0.8</u>				
Operator Representative: TRACY KENNEDY	Dt Scheduled: Dt Op Notified				
General Well I	Data and Inspection Information				
427 SOUTH BOSTON - STE 1000	Inventory No.: OS0921 API Well No. 35-113-34149-00-00 Well Name/No.: B-8 Status:				
TULSA, OK 74103					
Phone: (918) 585-8343	Field Nm:Lat/Lng: <u>36.845139</u> , <u>96.496017</u> G				
ROUTIN	E W/MIT INSPECTION				
Purpose: Routine Periodic Responsible Cor	mpany at Time of Inspection: THE LINK OIL COMPANY				
Inspect No.: <u>iJAY0629641097</u> Notification Typ					
	to Owner: Extension Date:				
Comply No.: Date Remedy Re	equired: Date Passed:				
Pro	essures / Conditions				
Date Last MIT: 10/18/2006 Test Result:	Casing: <u>5.500</u> in. Tubing: <u>2.375</u> in. USDW: <u>663</u> ft subsurf				
Monitoring Device Elected: Monitoring Device: FLM Canister Pressure: Lease Status: Barrel Monitor Hooked Up?: Barrel Fluid Level (%): Flowline Hooked Up?: Y Injecting?: Comments	Fittings: Y Y AUTHORIZED Actual Pressure: 0 0 Max Pressure: 695 How Determined?: UIC UIC Min Req Press: Static Fluid Level: 0 Max Rate: How Determined?: 0 Injection Rate (bpd): How Rate Determined?				
Evaluation: Name: Results: A Folia					
	low-up: A Reason: Sec Paris 10/20/2000				
Violation Code: Nove Frequency: NR Received Date: 10/30/200					

SCAN CODE: 28

__chanical Integrity Test Results

Casing or Annulus Pressure Test

Osage Nation / Environmental Protection Agency P.O. Box 1495

Pawhuska, OK 74056

Inspector: J. Andrew Yates	Test Date: 10/18/2006 Test Time: 12:00 PM
Operator Representative: TRACY KENNEDY	Date Report Sent to Operator:
Gener	al Well Data
C THE LINE OF COLUMN	Inventory Number: OS0921
427 SOUTH BOSTON - STE 1000	API Well No.: 35-113-34149-00-00
TULSA, OK 74103	Well Name/No.: B-8
	Location: SE 1 27N 7E 990N - 990E
Phone: (918) 585-8343	Field name:
Injection Interval: 2540 - 2552 USDW Bot: 663	
	Packer Depth: 2470 Casing: 5.500 in. Tubing: 2.375 in.
Timitata Tidita Tipo	Tuester Bopain 2770 Cataling. 2.500 III. Tuesing. 2.570 III.
Tubing and Annul	us Pressure Test Results
Type of MIT: Std. Annulus Pres. Test	
	ar Lining: Seal-tite Dual Time Since Ann Filled: Hrs
Tubing Annulu Time Pressure Time Pressur	
Initial: 12:00 PM 0 210	_psi
Mid: 12:15 PM 0 210	_psi
Final: 12:30 PM 0 210	_psi
Casing/Tubing Annulus Monitoring	ADA Pressure Test - Required Test Pressure
Device:	(Fluid Column Ht * Specific Gravity * .433 / N2 Wt Fac = Required Test Pressure)
Fluid Level: Annulus Prs: psi	<u>Tubing</u> <u>Annulus</u>
Test Result: Acceptable	Depth to Top Perf/Open Hole: ft ft
Failure Type:	Depth to Fluid Level: ft ft
Failure Cause:	Fluid Column Height: ft ft
Repair Due:	Specific Gravity of Fluid: 1.06 1.06
Engineer Signature: Rick L. Davis	Nitrogen Weight Factor:
Review Date: <u>12/07/2006</u>	Required Test Pressure: psi psi

Additional Comments for Mechanical Integrity Test

Received Date: 12/12/2006

Scan Code: 30

Well Inspection

Osage Nation / Environmental Protection Agency

P. O. Box 1495 Pawhuska, OK 74056

Operator Representative: KEVIN & TRACY		Dt/Tm Inspected: <u>9/5/2006 12:15:00 PM</u> Duration: <u>0.2</u>				
Departor THE LINK OIL COMPANY	Operator Representative: KEVIN & TRACY	Dt Scheduled: Dt Op Notified				
Monitoring Device: FLM Canister Pressure: Lease Status: Active Barrel Monitor Hooked Up?: Earle Fluid Level (%): Elevator Status: Active Barrel Fluid Level (%): Y Injecting?: Y Comments ACTIVE WELL. Status: Active Location: SE 1 27N 7E 990E - 990N Well Type: SMD Seasons Well Type: SMD Tiple of Monitor Seasons Well Type: SMD Tiple of Monitor Seasons Mell Type: SMD Tiple of Monitor The Link Oil Company Mell Type: SMD Tiple of Monitor The Link Oil Company Seasons Tiple of Monitor The Link Oil Company The June of Monitor The June of Monit	General Well Data and Inspection Information					
Responsible Company at Time of Inspection: THE LINK OIL COMPANY Inspect No.: iJAY0625438663 Incident No.: Date Letter Sent to Owner: Extension Date: Date Remedy Required: Date Passed: Date Last MIT: 10/11/2001	427 SOUTH BOSTON - STE 1000 TULSA, OK 74103	Well Name/No.: B-8 Status: Location: SE 1 27N 7E 990E - 990N Well Type: SWD				
Purpose: Routine Periodic Responsible Company at Time of Inspection: THE LINK OIL COMPANY	Priorie: (918) 383-8343	Lat/Lng: 36.845139, 96.496017 G				
Monitoring Device Elected: Monitoring Device:	Purpose: Routine Periodic Responsible Comp Inspect No.: iJAY0625438663 Notification Type: Incident No.: Date Letter Sent to Comply No.: Date Remedy Requ	Owner: Extension Date: Date Passed:				
Monitoring Device: FLM Canister Pressure:	Date Last MIT: 10/11/2001 Test Result: A	Casing: 5.500 in. Tubing: 2.375 in. USDW: 663 ft subsurf				
Evaluation: Name:	Monitoring Device: FLM Canister Pressure: Lease Status: Barrel Monitor Hooked Up?: Barrel Fluid Level (%): Flowline Hooked Up?: Y Injecting?: Comments	Fittings: Y Y AUTHORIZED Actual Pressure: 0 0 Max Pressure: 695 How Determined?: UIC UIC Min Req Press: Static Fluid Level: Max Rate: How Determined?:				
Inspection Results:/ Follow-up:A Reason: Sec						

ed States Environmental Protection Underground Injection Control Program 1445 Ross Avenue Dallas, TX 75202-2733



Operator: THE LINK OIL CO

427 SOUTH BOSTON, SUITE 1000

Section: 01

TULSA OK 74103

Owner: THE LINK OIL CO

427 SOUTH BOSTON, SUITE 1000

TULSA OK 74103

State: OK

Qtr Section: SE

County: OSAGE

Township: 27N

Lease Name

Inventory Number: OS0921000

Well Activity

Range: 07E

Surface Location: 0990N-0990E

Well Number

B-8

8-B8 OS0921

110 of 168

DISPOSAL

No. of Wells: 4

Type of Permit

Area

Individual

Chapman-Osage

North Quadrant Reporting Form

			ction ssure	Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
Month	Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Apr	2005	Vacuum		28434			
May	2005	11	,	29399			
Jun	2005	11		28452			
Jul	2005	11		29404			
Aug	2005	11		29590			
Sep	2005	11		28637			
Oct	2005	11		29289			
Nov	2005	11					
Dec	2005	11		28165 29091			
Jan	2006	11		29075			
Feb	2006	11		26224			
Mar	2006	11		29046			

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Robert B. Lyon, Jr., President

Date Signed:

4/5/06

8-B8_OS0921 111 of 168

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States Environmental Protection Agenderground Injection Control Program 1445 Ross Avenue Dallas, TX 75202-2733

Annual Disposal/Injection Well Monitoring Report

Operator: THE LINK OIL CO	Owner: THE LINK OIL CO			
427 SOUTH BOSTON, SUITE 1000	427 SOUTH BOSTON, SUITE 1000			
TULSA OK 74103	TULSA OK 74103			
State: OK County: OSAGE Otr Section: 01 Township: 27N	Inventory Number: OS0921000 Range: 07F Surface Location: 0990N-0990E			

North Quadrant Reporting Form

			Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
Month	Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG	
Apr	2005	Vacuum		28434				
May	2005	. 11		29399				
Jun	2005	11		28452				
Jul	2005	11		29404				
Aug	2005	11		29590				
Sep	2005			28637				
Oct	2005	11		29289				
Nov	2005	11		28165				
Dec	2005	11		29091				
Jan	2006	11		29075				
Feb	2006	11		26224				
Mar	2006	11	١	29046				

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Robert B. Lyon, Jr.,

President

Date Signed:

4/5/06

4/5/06

8-B8_OS0921 112 of 168

Unit States Environmental Protection Agen Underground Injection Control Program 1445 Ross Avenue Dallas, TX 75202-2733



Annual Disposal/Injection Well Monitoring Report

O
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427 SOUTH BOSTON, SUITE 1000

TULSA OK 74103

Owner: THE LINK OIL CO

427 SOUTH BOSTON, SUITE 1000

TULSA OK 74103

State: OK

Qtr Section: SE

County: OSAGE

Section: 01

Township: 27N Range: 07E

Inventory Number: OS0921000 Surface Location: 0990N-0990E

Well Activity

No. of Wells: 4

Type of Permit

Lease Name

Well Number

B-8

DISPOSAL X Individual

Area

Chapman-Osage

North Quadrant Reporting Form

Injection Pressure			Total Volume Injected		ing Annulus tional Monitor)		
Month	Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Apr	2004	Vacuum		29073			
May	2004	11		30119		,	
Jun	2004	11		29385			
Jul	2004	11		30433			
Aug	2004	11		29671			
Sep	2004	11	ii w	28313			
Oct	2004	11		29482			
Nov	2004	11	a	28381			_
Dec	2004	11		29321			
Jan	2005	11		29357			
Feb	2005	11		25938			
Mar	2005	11		29403			2

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Robert B. Lyon, Jr.

President

Signature:

Date Signed:

4/8/05

MAY 2 6 2005

5-2-05

October 3, 2017 Bird Creek - Osage County, Oklahoma

8-B8_OS0921

113 of 168

MAGING ROOM RECEIVED

2005 MAY 10 AM 11: 38

Scan Code: 30

Well Inspection

Osage Nation / Environmental Protection Agency P. O. Box 1495

P. O. Box 1495 Pawhuska, OK 74056

					30:00 AM Duration:	
Operator	Representative: NONE.		Dt Scheduled		Dt Op Notified	
		General Well Da	ta and Inspection I	<u>nformation</u>		
Operator:	THE LINK OIL COMPAN 427 SOUTH BOSTON - ST	E 1408	Well Name/No.: B-8		Status:	
Dhana	TULSA, OK 74103				Well Type: SWD	
Phone:	(918) 585-8343		Field Nm:	LavLi	ng: <u>36.845139</u> , <u>96.496017</u> G	<u> </u>
		ROUTIN	E UIC INSPECT	ION		
Purpose:	Routine Periodic	Responsible Comp	oany at Time of Inspect	tion: THE LINK O	OIL COMPANY	
Inspect No	o.: iJAY0425131594	Notification Type:				
Incident N	Io.:	Date Letter Sent to	Owner:		Date:	
Comply N	0.:	Date Remedy Req	uired:	Date Passe	ed:	
		Pres	sures / Conditions			
D	ate Last MIT: 10/11/2001_			Tubing: 2.375 in.	USDW: 663 ft subsurf	
N F I F F	Monitoring Device Elected: Monitoring Device: FLM Canister Pressure: Lease Status: Barrel Monitor Hooked Up?: Bowline Hooked Up?: Injecting?: Comments	Active	Fittings: Actual Pressure: How Determined?: Static Fluid Level: How Determined?:	Tubing Annulus Y Y 30 UIC UIC	AUTHORIZED Max Pressure: 695 Min Req Press:	
Evaluatio	on: Name:	malel Th	an Jan		Date: <u>9/22/69</u>	
	Inspection Results:			Reason: Sec		
	Violation Code: _/	Vone Frequence	ey: o shift		Received Date: 9/10/2	200

October 3, 2017

MAGING ROOM PECEIVED 8-B8_OS0921 115 of 168

2004 SEP 28 AM 7: 34

116 of 168

Unand States Environmental Protection Age **Underground Injection Control Program** 1445 Ross Avenue Dallas, TX 75202-2733



Annual Disposal/Injection Well Monitoring Report

Operator: THE LINK OIL CO

427 South Boston, Suite 1:408 1000

TULSA OK 74103

Owner: THE LINK OIL CO

427 South Boston, Suite \$40 € 1000

TULSA OK 74103

State: OK

County: OSAGE

Range: 07E Township: 27N

Inventory Number: OS0921000

Qtr Section: SE

Section: 01

Surface Location: 0990N-0990E

Well Activity

No. of Wells: 4

Type of Permit

Lease Name

Well Number B-8

DISPOSAL

🛛 Individual Area

Chapman-Osage

North Quadrant Reporting Form

		Injed Pres	etion sure	N 3000-1000-100	Volume ected		ing Annulus tional Monitor)
Month	Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Apr	2003	Vacuum		28793			
May	2003	11		29284			
Jun	2003	11		28935			
Jul	2003	11	, 4 = = -	29755			
Aug	2003	11		28905			
Sep	2003	11		28036			
Oct	2003	11		28719			
Nov	2003	11	18,	28292			
Dec	2003	11		29550			9
Jan	2004	11	V	30386			
Feb	2004	11		27525			
Mar	2004	11		30066		*	

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Robert B. Lyon, Jr.

President

Signature:

Date Signed:

4/8/04





Bird Creek - Osage County, Oklahoma

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8-B8_OS0921 117 of 168

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THE TELLER

2004 JUN 17 AM 8: 18

किरमार्थे (१९११) हो । अने विकेष्ट्रकार १९१९ के विकास करते हुन्छे हुन्छ ।

DISPOSAL

No. of Wells:

8-B8_OS0921

B-8

118 of 168

APR 22 2003

Underground Injection Control Program 1445 Ross Avenue Dallas, TX 75202-2733



Annual Disposal/Injection Well Monitoring Report

Operator: THE LINK OIL CO 427 South Boston, Suite TULSA OK 74103	1408	Owner: THE LINK OIL CO 427 South Boston, Suite 1408 TULSA OK 74103		
State: OK County: OSAGE			Inventory Number: OS0921000	
Qtr Section: SE Section: 01	Township: 27N	Range: 07E	Surface Location: 0990N-0990E	
Well Activity	Type of Permit I	Lease Name	Well Number	

North Quadrant Reporting Form

Chapman-Osage

X Individual

Area

	Injection Pressure			Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
Month	Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Apr	2002	Vacuum		30049	0		4
May	2002	11		30770			
Jun	2002	11		27496			
Jul	2002	11		29699			
Aug	2002	11		30251			
Sep	2002	11		29448			
Oct	2002	11		30210			
Nov	2002	11		29514			
Dec	2002	11		30582			
Jan	2003	11		30630			
Feb	2003	11		27382			-
Mar	2003	11		30109			×

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

			O. C	
n	Jama	วทศ	Official	I ITIA:
П.	vallic	anu	Official	THUE.

Robert B. Lyon, Jr. President

Signature:

Date Signed:

4/15/03

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October 3, 2017

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2003 MAY -5 PM 1: 34

[육점실 장막과 [조소 작업원 4년] 항(대) - 교상인정

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Well Inspection

Scan Code: 30

Received Date: 9/17/02

Osage Nation / Environmental Protection Agency

P. O. Box 1495 Pawhuska, OK 74056

Inspector: J. Andrew Yates	Dt/Tm Inspected: <u>9/11/02 11:30:00 AM</u> Duration: <u>0.2</u>
Operator Representative: TRACY KENNEDY	Dt Scheduled: Dt Op Notified
General Well Data a	and Inspection Information
Operator: THE LINK OIL COMPANY 427 SOUTH BOSTON - STE 1408 TULSA, OK 74103 Phone: (918) 585-8343	Inventory No.: OS0921 API Well No.: 35-113-34149-00-00 Well Name/No.: B-8 Status: Location: SE 1 27N 7E 990E - 990N Field Name: Well Type: SWD
Purpose: Routine Periodic Responsible Company Inspect No.: iJAY0225648511 Notification Type:	vat Time of Inspection: THE LINK OIL COMPANY ver Extension Date: d: Date Passed:
Pressur	es / Conditions
Monitoring Device Elected: Monitoring Device: FLM Canister Pressure: Lease Status: Barrel Monitor Hooked Up?: Barrel Fluid Level (%):	Tubing: 2.375 in. USDW: 663 ft subsurf Tubing Annulus Fittings: Y Y AUTHORIZED Actual Pressure: 0 0 Max Pressure: 695 How Determined?: UIC UIC Min Req Press: Static Fluid Level: Max Rate: How Determined?: How Rate Determined? Injection Rate (bpd): How Rate Determined?
ACTIVE WELL.	CGT 16 2002
Evaluation: Name: furall Tan	Date: 9/19/02
Inspection Results: / Follow-u	

Violation Code: None Frequency: NR

October 3, 2017

IMAGING ROOM RECEIVED

8-B8_OS0921 121 of 168

2002 OCT 10 AM 11: 27

U. ..ed States Environmental Protection Ay....cy

Underground Injection Control Program 1445 Ross Avenue Dallas, TX 75202-2733

Annual Disposai/Injection Well Monitoring Report

Operator: TH	ELINK	OIL	CO
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427 South Boston, Suite 1408

TULSA OK 74103

Owner: THE LINK OIL CO

427 South Boston, Suite 1408

TULSA OK 74103

State: OK

Qtr Section: SE

County: OSAGE

Section: 01

Township: 27N

Range: 07E

Inventory Number: OS0921000

Surface Location: 0990N-0990E

Well Activity

Type of Permit

Loogo Name

Wall Number

B-6

DISPOSAL No. of Wells:

Individual

BOIA

Chapman-Osage

North Quadrant Reporting Form

		injection Prossure		Total Valume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
Month	Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Λpr	2001	Vacuum		34201			
May	2001	11		35406			
Jun	2001	11		33657		*	
Jul	2001	11		31390			
Aug	2001	11		31040	¥!		
Sep	2001	(b		29538			
Oct	2001	11		31092			
Nov	2001	11		30272			
Dec	2001	11		29917			
Jun	2002	11		27815		,	
Feb	2002	11		18045			
Mar	2002	19		31029			

CERTIFICATION

t outlify under possity of law that this document and all attachments were proposed under my direction of supervision in accordance with a system designed to accure that qualified personnel properly gather and uvaluate the information submitted. Based on my inquiry of the person or persons who meritage this expetient, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and bejief, true, accounts and complete. I on aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Salianite

Date Signed:

Robert B. Lyon, Jr., President

4/8/02

1-15-03 DS

JAN 27 2003 SQ

8-B8_OS0921 123 of 168

October 3, 2017

IMAGING ROOM RECEIVED

2003 JAN 2 | PM 4: 07

8-B8_OS0921 124 of 168

MECHANICAL IN		CODE: 2
est Reason: SCHEDULED	ventory No: osc	0921
ompany: THE LINK OIL COMPANY		
ddress: 427 SOUTH BOSTON - STE 1408	Mechanical Integrity Test	Results
TULSA, OK 74103		
Phone: (918) 585-8343	Results: PASS	
ell Name/Number: <u>B-8</u>		
ocation: <u>SE</u> /4; Sec. <u>1</u> ; T <u>27</u> N; R <u>7</u> E	Comments:	
Tell Type: <u>Disposal</u>		
asing: <u>5.50</u> inches, Tubing: <u>2.38</u> inches		
njection Interval: <u>2540-2552</u> feet	KENT SANBORN	10/15/01
Packer Depth: 2469.5 feet USDW: 663 feet		Date
. NO SIGNIFICANT FLUID MOVEMENT INTO USD	W THROUGH CHANNELS ADJACENT	
TO THE WELLBORE		
Technical Review: PASS How Determ	mined: Cement Records	
I. NO SIGNIFICANT LEAK IN CASING, TUBING	, OR PACKER	
(A) TUBING-PACKER PRESSURE TEST		
Injecting: <u>YES</u> Pressure: Tubi	ng: <u>VAC</u> psi Casing: <u>0</u>	_ psi
(B) CASING-TUBING ANNULUS PRESSURE TE		
Injection Rate: 1050 bpd Time	: Since Annulus Filled: FULL	
Annulus Fluid Type: F.WTR./S.WTR.		
Tubing Annulus		
TimePressure Pressure	Flowback	
10:00AM VAC psi 230 psi: High	n Pressure <u>230</u> psi	
10:15AM	d Pressure <u>100</u> psi Volume	2000 ml
10:30AM	w Pressure <u>10</u> psi Volume	1500 ml
: End	d PressureO psi Volume	<u>250</u> ml
	Total Volume	3750 ml
(C) ADA PRESSURE TEST		
(Fluid Column Height * Specific Gravity * .4		
<u>Tubing/Packer</u>	Tubing/Casing Annul	
Depth to Top Perf/Open Holeft		
Depth to Fluid Levelft	:Depth to Fluid Level	ft
Fluid Column Heightft	:Fluid Column Height	ft
Specific Gravity of Fluid	:Specific Gravity of Fluid	
Nitrogen Weight Factor	:Nitrogen Weight Factor	<u> </u>
Required Test Pressurepsi	:Required Test Pressure	ps
TimePressure	:TimePre	ssure
psi		_ psi
psi		_ psi
psi		_ psi
(D) CASING-TUBING ANNULUS MONITORING		
System:; Fluid lev	vel above wellhead:	
Annulus Pressure:psi		
II.REMARKS: SEAL-TITE TBG.		
Repairs:	BIA REQUIRED SIGN AT WELL	
Date: 10/11/01 UIC Office Witness: ANDRI		
Company Representative: K	EVIN DEPBOYE	

Received Date: 10/23/01

10/24/01

Bird Creek - Osage County, Oklahoma

8-B8_OS0921 125 of 168

IMASING ROOM

2001 OLT 26 AHII: 12

d States Environmental Protection Ag Underground Injection Control Program 1445 Ross Avenue Dallas, TX 75202-2733



126 of 168

8-B8 OS0921

Annual Disposal/Injection Well Monitoring Report

Operator: THE LINK OIL CO

427 South Boston, Suite 1408

TULSA OK 74103

Owner: THE LINK OIL CO

427 South Boston, Suite 1408

TULSA OK 74103

APR 23 2004

State: OK	County: OSAGE			Inventory Number:	OS0921000	
Qtr Section: SE	Section: 01	Township: 27N	Range: 07E	Surface Location:	0990N-0990E	
Well Activ	<u>rity</u>	Type of Permit	Lease Name		Well Number	
DISPOSA	L	Individual			B-8	
No. of We	lls:4	Area	Chapman-Os	age		

North Quadrant Reporting Form

	Injection Pressure		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
2000	Vacuum		31199			
2000	11		32300			J.
2000	11		30741			
2000	11		32040		¥	
2000	11	7	34144			
2000	TT .		33879			
2000	11		35682			
2000	11		35098			
2000	11		35838			
2001	11		36102			
2001	11		32414			
2001	11		35746			
	2000 2000 2000 2000 2000 2000 2000 200	Year Avg PSIG 2000 Vacuum 2000 " 2000 " 2000 " 2000 " 2000 " 2000 " 2000 " 2000 " 2000 " 2001 " 2001 "	Pressure Year Avg PSIG Max PSIG 2000 " 2000 " 2000 " 2000 " 2000 " 2000 " 2000 " 2001 " 2001 "	Pressure Inject Year Avg PSIG Max PSIG BBL 2000 " 31199 2000 " 32300 2000 " 30741 2000 " 32040 2000 " 34144 2000 " 35682 2000 " 35838 2001 " 36102 2001 " 32414	Pressure Injected Year Avg PSIG Max PSIG BBL MCF 2000 Vacuum 31199 32300 2000 " 30741 30741 2000 " 32040 32040 2000 " 33879 33879 2000 " 35682 35098 2000 " 35838 35838 2001 " 36102 2001 " 32414	Year Avg PSIG Max PSIG BBL MCF Min PSIG 2000 Vacuum 31199 2000 " 32300 2000 " 30741 2000 " 32040 2000 " 34144 2000 " 35682 2000 " 3598 2001 " 36102 2001 " 32414

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:	Signature:	Date Signed:
Robert B. Lyon, Jr., President		April 17, 2001

06-05-01 DS

Bird Creek - Osage County, Oklahoma

8-B8_OS0921 127 of 168

IMAGING ROOM RECEIVED 2001 JUN -8 PM 3: 09

APR 9 9 200

8-B8_OS0921 128 of 168

SCAN CODE:

30

ENVIRONMENTAL PROTECTION AGENCY REGION 6, UIC INSPECTION REPORT

UIC Program, P.O. Box 1495, Pawhuska, Oklahoma 74056

Inspection Reason: ROUTINE Inventory No.: OS0921 Operator: Name: THE LINK OIL CO Address: 427 S BOSTON STE 1408 TULSA, OK 74103 Phone: (918) 585-8343 Company Contact: BOB or ROB LYON WELL INFORMATION: Well Name and Number: B-8 Location: 0990 ft F E L, 0990 ft FN L; SE /4, Sec. 1 , T27 N, R7 E Well Type: Disposal

Authorization: Rule

Authorization to Inject Date:

BPM Authorized: Pressure: 695 psi Rate BPM Long-String Casing Diameter: 5.50 inches Tubing diameter 2.375 inches Base of Underground Sources of Drinking Water: 663 Feet Subsurface Date of Latest MIT: 8/22/96 Latest MIT Results: Pass CONDITIONS ON INSPECTION DATE: Lease Status: ACTIVE Well Status: Hooked up for injection? YES Injecting? YES Required Fittings: Tubing? YES Annulus? YES Tubing Pressure: VAC psi; How Determined? GAUGE.
Annulus Pressure: 0 psi; How Determined? GAUGE. Injection Rate: 1000 bpd; How Determined? / CO. REP. Static Fluid Level: Tubing: ____ feet subsurface; How Determined? feet subsurface; How Determined? Annulus: Samples Taken? NO Photographs Taken? Observations: ACTIVE WELL EQUIPPED FOR OPERATION, CSG. HEAD W/ TBG. INJECTION LINE CONNECTED TO WELL. BIA required sign at well. Inspection Date: 10/18/00 Time: Arrived: 12:45PM Departed: 1:00PM Inspector: ANDREW YATES Individual Contacted: KEVIN Title: CO. REP.

Evaluation: Name:

Inspection Results:

Follow-up:

Violation Code: None Reason:

Enforcement Letter Recommended:

Bird Creek - Osage County, Oklahoma

8-B8_OS0921 1

129 of 168

72000 NOV 14 AM 8: 53

1 States Environmental Protection Ag underground Injection Control Program 1445 Ross Avenue Dallas, TX 75202-2733

Annual Disposal/Injection Well Monitoring Report

8-B8_OS0921

Operator: THE LINK OIL CO

427 South Boston, Suite 1408

TULSA OK 74103

Owner: THE LINK OIL COL

OSAGE NATION EPA/UIC 427 South Boston, Suite 1408

TULSA OK 74103

AUG 03 2000

130 of 168

State: OK

Qtr Section: SE

County: OSAGE

Section: 01

Township: 27N

Range: 07E

Surface Location: 0990N-0990E

Inventory Number: OS0921000

Well Activity

Type of Permit

Area

Lease Name

Well Number

B-8

DISPOSAL No. of Wells: X Individual

Chapman-Osage

North Quadrant Reporting Form

		Injed Pres	ction sure	Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
Month	Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Apr	1999	Vacuum		37172			
May	1999	11		35288			
Jun	1999	11		33985			,
Jul	1999	11		34142			-
Aug	1999	11		31988			
Sep	1999	11		30420			
Oct	1999	11		32483			
Nov	1999	11		32214			L .
Dec	1999	TT.		32228			
Jan	2000	11		32580			
Feb	2000	11		30480			
Mar	2000	11		32258			

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Signature:

Date Signed:

Robert B. Lyon, Jr., President

4/7/00

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October 3, 2017

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SCAN CODE: 30

ENVIRONMENTAL PROTECTION AGENCY REGION 6, UIC INSPECTION REPORT

UIC Program, P.O. Box 1495, Pawhuska, Oklahoma 74056

Inducation Deaden. DOMENTE
Inspection Reason: ROUTINE Inventory No.: OS0921 Operator: Name: THE LINK OIL CO
Address: 427 S BOSTON STE 1408
TULSA, OK 74103
Phone: (918) 585-8343
Individual Contacted: BOB or ROB LYON Title:
individual concacted. BOD OI ROD HION little.
VELL INFORMATION:
Well Name and Number: B-8
Location: $\underline{0990}$ ft F $\underline{\mathbf{E}}$ L, $\underline{0990}$ ft F $\underline{\mathbf{N}}$ L; $\underline{\mathbf{SE}}$ /4, Sec. $\underline{1}$, T $\underline{27}$ N, R $\underline{7}$ E
Well Type: Disposal
Authorization: Rule Authorization to Inject Date:
Authorized: Pressure: 695 psi Rate BPM
Long-String Casing Diameter: <u>5.50</u> inches Tubing diameter <u>2.375</u> inches
Base of Underground Sources of Drinking Water: 663 Feet Subsurface
Date of Latest MIT: 08/2496 Latest MIT Results: lassel
CONDITIONS ON INSPECTION DATE:
Lease Status: ACTIVE
Well Status: Hooked up for injection? YES Injecting? YES
Required Fittings: Tubing? YES Annulus? YES
Tubing Pressure: -15 psi; How Determined? U.I.C. GAUGE
Annulus Pressure: 0 psi; How Determined? OPENED
Injection Rate:bpd; How Determined?
Static Fluid Level: Tubing: feet subsurface; How Determined?
Tubing: feet subsurface; How Determined? feet subsurface; How Determined?
Samples Taken? NO Photographs Taken? NO
Observations: WELL IS ACTIVE AND WAS TAKING FLUID AT TIME OF
INSPECTION.TUBING IS CONNECTED TO INJECTION LINE WITH A 2"
HIGH PRESSURE HOSE.
BIA required sign at well.
Inspection Date: 10/4/99 Time: Arrived: 12:10 P.M. Departed: 12:30 P.M
Inspector: GARY SCOTT
$\mathcal{L}_{\mathcal{L}}}}}}}}}}$
Evaluation: Name: Date: 10/14/99
Inspection Results: Follow-up: A Frequency: All
Violation Code: Reason: So

Enforcement Letter Recommended:

Bird Creek - Osage County, Oklahoma

8-B8_OS0921 133 of 168

IMAGING ROOM RECEIVED 99 NOV 17 PM 10: 43 Underground Injection Control Program
1445 Ross Avenue
Dallas, TX 75202-2733



Annual Disposal/Injection Well Monitoring Report

A sales of

1408 PHILTOWER BLDG

TULSA OK 74103

Owner: THE LINK OIL CO

1408 PHILTOWER BLDG

TULSA OK 74103

State: OK County: OSAGE Inventory Number: OS0921000

Qtr Section: SE Section: 01 Township: 27N Range: 07E Surface Location: 0990N-0990E

Well ActivityType of PermitLease NameWell NumberDISPOSALX IndividualB-8

No. of Wells: 4 Chapman-Osage

North Quadrant Reporting Form

		Injec Pres		Total Volume Injected		Tubing-Casing Annulus Pressure (Optional Monitor)	
Month	Year	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Apr	1998	Under Vacuun	1	31303			
May	1998	11		32961			
Jun	1998	11		33413			**************************************
Jul	1998	11		35296			
Aug	1998	11		37441			
Sep	1998	11		36364			
Oct	1998	11	-	37425			
Nov	1998	11		36347			
Dec	1998	11		38202		¥	
Jan	1999	11		38540			
Feb	1999	11		35460			
Mar	1999	tt		41286	90		

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title:

Robert B. Lyon, Jr., President

Date Signed:

4/8/99

5-12-99

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SCAN CODE:

ENVIRONMENTAL PROTECTION AGENCY REGION 6, UIC INSPECTION REPORT

UIC Program, P.O. Box 1495, Pawhuska, Oklahoma 74056

Inventory No.: OS0921 Inspection Reason: ROUTINE Operator: Name: THE LINK OIL CO Address: 427 S BOSTON STE 1408 TULSA, OK 74103 Phone: (918) 585-8343 Title: Individual Contacted: NONE WELL INFORMATION: Well Name and Number: B-8 Location: 0990 ft F E L, 0990 ft FN L; SE /4, Sec. 1 , T27 N, R7 E Well Type: Disposal Authorization to Inject Date: Authorization: Rule Authorized: Pressure: 695 psi Rate BPM
Long-String Casing Diameter: 5.50 inches Tubing diameter 2.375 inches Base of Underground Sources of Drinking Water: 663 Feet Subsurface CONDITIONS ON INSPECTION DATE: Lease Status: ACTIVE Well Status: Hooked up for injection? YES Injecting? YES Required Fittings: Tubing? YES Annulus? YES Tubing Pressure: -20 psi; How Determined? U.I.C. GAUGE
Annulus Pressure: 0 psi; How Determined? OPENED
Injection Rate: bpd; How Determined? Static Fluid Level: Tubing: ____ feet subsurface; How Determined? feet subsurface; How Determined? Annulus: Photographs Taken? Samples Taken? NO Observations: WELL IS ACTIVE AND WAS TAKING FLUID AT TIME OF INSPECTION. TUBING IS CONNECTED TO A 2" STEEL INJECTION LINE WITH A 2" HIGH PRESSURE HOSE. BIA required sign at well. Inspection Date: 3/24/98 Time: Arrived: 1:30 P.M. Departed: 1:35 P.M. Inspector: GARY SCOTT Date: 4-3-98 Evaluation: Name: Inspection Results: Frequency: NR Violation Code: None Reason:

Enforcement Letter Recommended: No

Bird Creek - Osage County, Oklahoma 8-B8 OS0921 137 of 168

United St 5 Environmental Protection gency Washington, D.C. 20480

ANNUAL DISPOSAL/INJECTION WELL

MONITORING REPORT

Operator: THE LINK OIL CO
1408 PHILTOWER BLDG

Owner: THE LINK OIL CO
1408 PHILTOWER BLDG

1408 PHILTOWER BLDG

TULSA OK 74103

TULSA OK 74103

County: OSAGE

Qtr.Section: SE Section: Ol Township: 27N Range: O7E Surface Loc: 0990N=0990E

Well Activity Type of Permit Brine Disposal X Indiv

|X| Individual

Lease Name Chapman-Osage

==== North Quadrant Reporting Form ====

Injection Pressure		Total Vol Injecte		bing-Casing sure(Optiona	V. 10 11 11 11 11 11 11 11 11 11 11 11 11
Month Yr	Avg PSIG Max PSIG	BBL !	MCF	Min PSIG	Max PSIG
Mar 1997	Under Vacuum	31058			
Apr 1997 May 1997		29458 31750		perior latera, latera perior lateral l	\$1000 Acres (1000 villa
Jun 1997 Jul 1997	11	33233	anterna alkania (gladia). Talifif dipata puntuk puntun puntun.	I and seek and seek seek and and and	
Aug 1997 Sep 1997		35729 31454	garana, primeta palaina (palaine, trollice, sicilice, palaine, paraine palaine, unation grando pulmine palaine, palaine (algorite, palaine palaine) palaine, communi		
Oct 1997		33235 31676	arini arini disebi (1986) (1986) arini arini arini arini arini arini arini (1986) (1986) (1986) arini arini	O marca acion intera cucim lipsel parel limpte come possib listet. O Lipsel limina presid come come come limina acion come come come.	The root was also did only also did only also did.
Nov 1997 Dec 1997		33313	annen annis iinne, järik järik jaiki jaini annis annen annis annen iinne iini järik iinni annis	A mana mente satura (appli (appli) parten anten	Annie spilo sello como inner como meno spilo como spilo spilo.
Jan 1998 Feb 1998		34202 31395	anne anne anne delle delle delle delle anne anne	<u> </u>	

CERTIFICATION

I I certify under penalty of law that this document and all attachments were I I prepared under my direction or supervision in accordance with a system I designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who I manage the system, or those persons directly responsible for gathering the I information, the information submitted is, to the best of my knowledge and I belief, true, accurate and complete. I am aware that there are significant | I penalties for submitting false information including the possibility of fine I and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title

Robert B. Lyon, Jr., President

Date Signed

Bird Creek - Osage County, Oklahoma

8-B8_OS0921 138 of 168

98 JUL 23 AM 7: 12

Bird Creek - Osage County, Oklahoma 8-B8 OS0921

139 of 168

United St s Environmental Protectic Agency

Washington, D.C. 20480

ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT

Operator: THE LINK DIL CO

1408 PHILTOWER BLDG

TULSA OK 74103

1408 PHILTOWER BLDG S TULSA OK 74103

Owner: THE LINK OIL CO

Inventory No: 0921

Qtr. Section: SE Section: O1 Township: 27N Range: O7E Surface Loc: 0990N-0990E

Well Activity

Type of Permit

Lease Name

Well Number

Brine Disposal |X | Individual Chapman-Osage No. of Wells: 4 | Area

==== North Quadrant Reporting Form ====

	Injection Pressure	Total Volume Tubing-Casing Annulus Injected Pressure(Optional Monitor)			
Month Yr	Avg PSIG Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Apr 1996	Under Vacuum	37230 37804	and any one was just been been and a		
May 1996 Jun 1996	11	36731	more states annot cough total total their total total total annot be a		Justice come storm angua vagar escrib angua vagar escrib angua.
Jul 1996 Aug 1996	Annual reason control reason control reason control co	37499 35381	punga apuna punia garan garan arang pika print romb dibir si magap apuna punia pikan pikan ipini baha, Nara dalah punia apuna apuna p	and and other party place and	John von dier das deur der des dan den den
Sep 1996 Oct 1996	11	34253 34618	parts which could prove plates \$100. Spile plates prove at		AND STATE AND STATE STATE STATE AND STATE AND STATE AND
Nov 1996 Dec 1996		32855		Annual and pool place and more poor year year	120° 100° 000° 000° 000° 000° 000° 000°
Jan 1997 Feb 1997		31236 27949	pages passes primer plants. John April Sprint primer primer pr	and some some speciment to be some interpretation of the	and one one one one one one one
Mar 1997	11	31058	COMPANDE COMPAND COMPAND CONTRACT CONTR	Print a State State Strike State Street washing reason reason reason (State)	Total sons sons with other ways with other wines when

CERTIFICATION

I I certify under penalty of law that this document and all attachments were I I prepared under my direction or supervision in accordance with a system I I designed to assure that qualified personnel properly gather and evaluate I the information submitted. Based on my inquiry of the person or persons who I manage the system, or those persons directly responsible for gathering the I I information, the information submitted is, to the best of my knowledge and I belief, true, accurate and complete. I am aware that there are significant I I penalties for submitting false information including the possibility of fine I and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

| Name and Official Title

Robert B. Lyon, Jr.

Silnature

Qate Signed

Bird Creek - Osage County, Oklahoma October 3, 2017 8-B8_OS0921 140 of 168 IMAGING ROOM 97 JUN 30 AM 9: 42 information, in formation soundted is, to the best of my an area

10:40AM VAC psi 205 psi: High Pressure 222 psi ____ psi ____ psi: Mid Pressure 100 psi Volume 2 ___ Qts 11:10AM VAC psi 222 psi: Low Pressure 50 psi Volume 1 Qts : End Pressure <u>0</u> psi Volume <u>1</u> Qts Total Volume 4 Ots (C) ADA PRESSURE TEST (Fluid Column Height * Specific Gravity * .433/N2 Weight Factor = Required Test Pressure)

Depth to Top Perf/Open Hole ____ ft :Depth to Top Perf/Open Hole

____ ft

Time	Pressure	:	Time	Pressure
	psi	:		psi
	psi	:		psi
	psi	:		psi

(D) CASING-TUBING ANNULUS MONITORING

Tubing/Packer

Depth to Fluid Level

Nitrogen Weight Factor

Required Test Pressure

Specific Gravity of Fluid

Fluid Column Height

System:		;	Fluid	level	above	wellhead:	
Annulus	Pressure:		ps	i			

III.REMARKS

UIC Office Witness: Beverly Lacrone \ Date: 8/22/96

Company Representative: KEVIN DEPOYE

Tubing/Casing Annulus

:Depth to Fluid Level

:Nitrogen Weight Factor

:Specific Gravity of Fluid

ft :Fluid Column Height

psi :Required Test Pressure

ft

ft

ft

psi

Bird Creek - Osage County, Oklahoma 8-B8_OS092175429£168

United States Environmental Protection Agency Washington, D.C. 20480 ANNUAL DISPOSAL/INJECTION MONITORING REPORT $\Box \bigcirc$ Operator: THE LINK OIL CO Owner: THE LINK OIL CO 1408 PHILTOWER BLOG TO STULSA OK 74103 以 元四 1408 PHILTOWER BLDG TULSA OK 74103

Inventory No: 0921 State: OK County: OSAGE Qtr.Section: SE Section: Ol Township: 27N Range: O7E Surface Loc: 0990N=0990E

Lease Name Well Number Well Activity Type of Permit Brine Disposal |X| Individual • • • • • • • • • • • <u>Chapman-Osage</u> B=8

No. of Wells: _4_ | Area

==== North Quadrant Reporting Form ====

Injection Pressure			Total Volume Tubing-Casing Annulus Injected Pressure(Optional Monitor)			
Month Yr			BBL	MCF		Max PSIG
May 1995 Jun 1995 Jul 1995 Aug 1995 Sep 1995	Apr 1995 <u>Under Vacuum</u> May 1995 Jun 1995 Jul 1995 Aug 1995		36,274 36,855 37,617 38,496 38,028 37,912			
Oct 1995 Nov 1995 Dec 1995 Jan 1996 Feb 1996 Mar 1996			37.642 36,410 34,863 35,536 36,809 36,481			

CERTIFICATION

I certify under penalty of law that this document and all attachments were I prepared under my direction or supervision in accordance with a system I designed to assure that qualified personnel properly gather and evaluate I the information submitted. Based on my inquiry of the person or persons who I I manage the system, or those persons directly responsible for gathering the I I information, the information submitted is, to the best of my knowledge and I belief, true, accurate and complete. I am aware that there are significant | penalties for submitting false information including the possibility of fine | and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title

Signature,

Date Signed

Robert B. Lyon, Jr., President



ENVIRONMENTAL PROTECTION AGENCY REGION 6, UIC INSPECTION REPORT

UIC Program, P.O. Box 1495, Pawhuska, Oklahoma 74056

Inspection Reason: ROUTINE Operator: Name: LINK OIL COMPANY	Inventory No.: OS0921
Address: 1408 PHILTOWER BLDG.	TULSA, OK 74056
Individual Contacted:	Title:
WELL INFORMATION:	
Well Name and Number: CHAPMAN #8-B	
Location: 0990 ft F N L, 0990 ft F E L; SE /4, Se	ec. <u>1</u> , T <u>27</u> N, R <u>7</u> E
Well Type: DISPOSAL	
Authorization: RULE Authorization t	o Inject Date:
Authorized: Pressure: psi Rate: _	
Long-String Casing Diameter: 4.5 inches	
Base of Underground Sources of Drinking Water:	
CONDITIONS ON INSPECTION DATE: Lease Status: ACTIVE	On less
Well Status: Hooked up for injection? YES	Injecting? YES
Required Fittings: Tubing? YES Annulus? YE	<u>es</u>
Tubing Pressure: 70 psi; How Determined	
Annulus Pressure: ZERO psi; How Determined	
Injection Rate: N/A bpd; How Determined	
Static Fluid Level:	
Tubing: feet subsurface; How Determin	ied?
Annulus: feet subsurface; How Determin	
Samples Taken? NO Photograph	
Observations: ACTIVE WELL. BACKSIDE HAD SMAI	LL PUFF OF GAS THAT BLEW TO ZERO.
Inspection Date: 10/24/95 Time: Arrived: 2	:25PM Departed: 2:40PM
Inspector: Beverly Lacrone	

Evaluation: Name: Kurall 9 Chrole 11-3-95

Inspection Results: ____ Follow-Up: A Frequency: NZ

Violation Code: Noze Reason: See

Bird Creek - Osage County, Oklahoma 8-B8 OS0921 145 of 168

United States Environmental Protectan Agency Washington, D.C. 20480

ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT

Operator: THE LINK OIL CO

1408 PHILTOWER BLDG TULSA OK 74103 Owner: THE LINK OIL CO

1408 PHILTOWER BLDG

TULSA OK 74103

Inventory No: 0921 State: OK County: OSAGE

Qtr. Section: SE Section: 01 Township: 27N Range: 07E Surface Loc: 0990N-0990E

Well Activity Type of Permit

Lease Name

Brine Disposal |X| Individual
No. of Wells: _4 | | Area

==== North Quadrant Reporting Form ====

Injection Pressure		Total V Injec		ng-Casing re(Optiona	Annulus Monitor)
Month Yr	Avg PSIG Max PSIG	BBL I	MCF !	Min PSIG	Max PSIG
Apr 1994	Under Vacuum	34,586			
May 1994	11	36,672		-	
Jun 1994	11	37,463			
Jul 1994	11	38,337		-	i
Aug 1994	II II	41,058		THE STATE STATE STATE STATE STATE STATE STATE STATE	
Sep 1994	11	37,158			
Oct 1994	11	34,383			
Nov 1994	11	34,225		a jugar paten saana sada jasar yaga saan senai bahan	
Dec 1994	11	38,748			
Jan 1995	11	38,432		County have been seen and seed been been seen and	
Feb 1995	11	35,903		their inter more here; that your host, ages, a	
Mar 1995	II and a second	38,709			

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system ! I designed to assure that qualified personnel properly gather and evaluate I I the information submitted. Based on my inquiry of the person or persons who I I manage the system, or those persons directly responsible for gathering the I I information, the information submitted is, to the best of my knowledge and I | belief, true, accurate and complete. I am aware that there are significant | penalties for submitting false information including the possibility of fine and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title

Robert B. Lyon, Jr., President

Date Signed



Bird Creek - Osage County Oklahoma 8-B8_OS09 EN TRONMENTAL PROTECTION AGEN R ON 6, UIC INSPECTION REI UIC Program, P.O. Box 1495, Pawhuska, Oklahoma 74000 (918-287-4041)

8-B8_OS0921 146 of 168

36

Inspection Reason: Yr+, status Inventory No.: 050921
Operator Name: The Link Oil Company
Address: 1408 Philtower Building Tulsa, OK 74103
Individual Contacted: none Title:
a4
WELL INFORMATION: Well Name and No.: Chapman #8-B
Well Name and No.: Chapman #8-B
Location: <u>0990</u> FNL; <u>0990</u> FEL; <u>SE</u> /4, Sec. <u>01</u> , T <u>27</u> N, R <u>07</u> E
Well Type: X_SWDERDualOther
Authorization: X_RulePermitNone Authorization to Inject:YesNo
Authorized: Pressure:psi Rate:BPM
Long String Casing Diameter: 4.5 inches Tubing Diameter: 2.38 inches
Base of Underground Source of Drinking Water: 663 feet subsurface
CONDITIONS ON INSPECTION DATE:
Lease Status: X_ActiveInactive
Well Status: Hooked up for injection? X YesNo Injecting? ? YesNo
Required Fittings: Tubing? <u>X</u> YesNo Annulus? <u>X</u> YesNoNot Applicable
Injection Pressure: 90 psi; How Determined: UIC guage
Annulus Pressure: mbftz psi; How Determined: when opened
Injection Rate: 2 bpd; How Determined: no detectable flow
Static Fluid Level:
Tubing: feet subsurface; How Determined:
Annulus: feet subsurface; How Determined:
Samples Taken: <u>no</u> Photographs Taken: <u>none</u>
Observations: Connected well, tubing had a static pressure? of 90#.
Annulus had a moderate blow of fluid to zero when opened.
Mostly sunny, southeast winds at 10 mph, 94F, adequate sign.
Inspection Date: 08/19/94 Time: Arrived: 1700 Departed: 1710
Inspector: Clarence Edmonson, EPS C
Inspection Results: Follow-Up:
Inspection Results: _/ Follow-Up: _A Frequency: NR
Violation Code: Reason:
RECEIVED

AUG 2 4 1994

6 W-S

Bird Creek - Osage County, Oklahoma 8-B8 OS0921 147 of 168

United St. s Environmental Protectio gency Washington, D.C. 20480

ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT

Operator: THE LINK OIL CO
1408 PHILTOWER BLDG
1408 PHILTOWER BLDG
1408 PHILTOWER BLDG

TULSA OK 74103

TULSA OK 74103

State: OK County: OSAGE Qtr.Section: SE Section: 01 Township: 27N Range: 07E Surface Loc: 0990N-0990E

Well Activity Type of Permit Lease Name

Brine Disposal |X| Individual

Chapman-Osage

No. of Wells: 4 | Area

==== North Quadrant Reporting Form ====

	Injection Pressure	Total Vo Inject		ing-Casing ure(Optiona	
Month Yr Av	g PSIG Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Apr 1993 Unde	r Vacuum	34,592			
May 1993	11	35,633			
Jun 1993	"	34,558			
Jul 1993	11	35,785			
Aug 1993	11	36,291		1	
	11	36,408			
Oct 1993	11	35,862	1,7		
	II	37,070	1.00		
	TI	38,276 √			
Jan 1994	II	38,159			A PROPERTY OF THE PARTY OF
Feb 1994		34,665			
• • • • • • • • • • • • • • • • • • • •		37,144			

CERTIFICATION

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Name and Official Title Signeture Date Signed

Robert B. Lyon, Vice-President



United States Environmental Protection Agency Washington, D.C. 20480 ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT

TULSA DK 74103

Operator: THE LINK OIL CO
1408 PHILTOWER BLDG

Owner: THE LINK OIL CO
1408 PHILTOWER BLDG

TULSA DK 74103

County: DSAGE Qtr.Section: SE Section: 01 Township: 27N Range: 07E Surface Loc: 0990Ne0990E

Well Activity Type of Permit

Lease Name

Well Number

Brine Disposal | X Individual No. of Wells: 4 | Area

Chapman-Osage____

==== North Quadrant Reporting Form ====

I Injection Pressure			Total Volume Tubing Casing Annulus Injected Pressure(Optional Monitor)			
Month Yr	Avg PSIG Max PSIG	BBL	MCF	Min PSIG	Max PSIG	
Apr 1992 May 1992 Jun 1992	Under Vacuum	34,190 34,520 34,169	NAME AND ADD ADD ADD ADD ADD ADD ADD ADD ADD	Made when when took took took the made took		
Jul 1992 Aug 1992 Sep 1992	11	34,766 36,008 34,354	were have taken ratio back about taken ratio grand inno ratio. Taken shall baken valles baken dagen valles passed street baken bake			
Oct 1992 Nov 1992 Dec 1992	11	36,422 - 32,544 33,196			NAME OF THE OWN DESCRIPTION OF THE OWN DATE OF	
Jan 1993 Feb 1993 Mar 1993	"	32,003 29,581 35,304	main main class state their value value force state date.	Date offer spice visits today with the spice spice spice to the control of the co	NAMES SAMES VARIOUS SOURCE SAMES SAM	

CERTIFICATION

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Name and Official Title

REPORT FORMS PRINTED INCORRECTLY

REPORT PERIOD ENDS MARCH 1993



PA/UIC INSPECTION REPORT

Inspection Type			
Inspection Frequency	of y	Authorization_	ABR
Violation Code	05	Authorized to	Inject
Company/Operator	AE LINK	oit 6.	
Business Address 1408 PA	il tomER Bld	13. Tulsa,	OK. 74103
Individual Contacted	UNNE	Title	
Lease Name' & Well No.	LAPMAN #	8-B	
Legal Description 990 'F[8]L	990 'FEL_	5€ /4 Sec	/ T 27 R 7
Well Information: SWD/ER,			
Authorized	Injection: Pres	sure N.A.	Rate
Long String	Casing Size	4/2" Tub	ing Size 23/4"
Report of Conditions as of this			
Lease: Active/Inactive		ed up for injec	tion: Ves/No
Manufacture Control of the Control o		ed up for injec	cion: Tes/No
Injecting at time of inspect:	ACCIDING ATTICAN	g annulug. Vad	VNo/Not Appliable
Required fittings on tubing a		The state of the s	
Injection Pressure /O Annular Pressure	у гэд ; н	ow Determined	are grage
Injection Rate No+			Name of the second of the seco
Well plugged at Surface: Yes			
Samples Taken No	Phot	ographs Taken	yes -
Description of wellhead hook	up and injection	facility:	
Active well of	ig head a	1 to g - in	jection lint
CONNECTED.	1	0	J
		· Pero	
	and the second s		P. MERKINED 1
Weather Conditions and Obser	vations OIR	-60° F	MAD I C loss
		- Annual Control of the Control of t	MAR 1 6 1993
			A A A C
		and the same of th	management of the S
Inspection Date 3/5/93	Time Arrived 2	SS/M. Departed	3:00 800.
Field Inspector	her 9th	- Departed	3.40.77
EPA Reviewer 12Qu	ax	Date 3/23/	192
7000		_ 5410_5/25/	

United States Environmental Protection Agency Washington, D.C. 20480 ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT



Operator: THE LINK OIL CO
1408 PHILTOWER BLDG

Owner: THE LINK OIL CO
1408 PHILTOWER BLDG

TULSA OK 74103

TULSA OK 74103

Inventory No: 0921 State: OK County: OSAGE

Qtr.Section: SE Section: 01 Township: 27N Range: 07E Surface Loc: 0990N-0990E

Well Activity Type of Permit Lease Name

Brine Disposal | X Individual Chapman-Osage | Area Well Number

==== North Quadrant Reporting Form ====

Injection Pressure		Total V Injec		ubing-Casing ssure(Option		
Month Yr	Avg PSIG	Max PSIG	BBL	MCF	Min PSIG	Max PSIG
Apr 1991	_Vacuum		34,154 34,850	Miles and are seen to see the	Apple 1000 1001 1000 1000 1000 1000 1000 10	2 Acces 1004 Vinto 1000 tone tone 1000 tone 1
May 1991 Jun 1991 Jul 1991	spine whose succes width from varier claims aways claims from Augus agrees solven varies review source sugges acress solven states	A PARTIE VERTER COLUMN TORRE COLUMN AND STORM PARTIE VERTER COLUMN AND STORM FOR STORM AND STORM	34,175 36,712	NAMES AND ASSOCIATED AND ASSOCIATED AND ASSOCIATION AND ASSOCIATION AND ASSOCIATION ASSOCI	AND STATE OF STATE AND STA	
Aug 1991 Sep 1991	More had drast tried from some reads with white when well still their some some some some some some some some	A STATE VALUE VALU	35,587 35,197			
Oct 1991 Nov 1991	COMES AND ADDRESS COMES AND ADDRESS COMES AND COMES	Accept values values reaches values unique contain colore delice colore	35,712 33,671	NAMES AND SECOND ARRIVE SECOND ARRIVE ARRIVE AND SECOND ARRIVE SEC	See a series while relate ready sugges area Audion above which Audion Company of the Company of	
Dec 1991 Jan 1992	Afficial region for the control forces of the control of the contr	NAMES NAMES AND ADDRESS AND ADDRESS AD	36,203 36,227	COLUMN CARRIA CONTRA MARIA - COLUMN TARIAR - CARRIA TARIAR	THE PROPERTY AND VALUE WAS AND THE WAS	AND STATE OF THE PARTY AND PARTY THE PARTY STATE OF
Feb 1992 Mar 1992	SHAIR MARIE MERIT MINIS MARIE MARIE MARIE MARIE MARIE SHAIR ALORE MERIT MARIE MARIE MARIE MARIE MARIE MARIE MARIE	A MARCH SERVE VICTOR SERVE SER	33,897	AND	THE PARTY NAME AND ADDRESS OF THE PA	Appendix of the control of the contr

CERTIFICATION

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| Name and Official Title

Signature

Date Signed

Robert B. Lyon, President

Bird Creek - Osage County, Oklahoma October 3, 2017 8-B8 OS0921 in a first of the first of the first of the second section of the section of entrologia (il valoritationi della tradicioni della o ÷vák zovod do tro de provincio como pod obje LOND HOLD KEIN မေတာက်မြင်းသည်။ ရသီလာမှုနှင့် သည်သည်။ သည်သည်။ သည်သည်။ မေတာက်မြောကာကျော်ကို သည်သည်။ ကောက်သည်သည် သည်သည် သည်သည်။ ကောက်များကို သည်သည်။ လောက်များကို သည်သည်။ လောက်များကို K. Markett, J. M. Barrell, and J. M. School, and A. S. Markett, Phys. Rev. Lett. 1985, 1985, 1985, 1985. e son luide de sei en la companya de la companya d La companya de la comp La companya de la companya della comp

Bird Creek - Osage County, Oklahoma

8-B8_OS0921 152 of 168

WELL TYPE: (DISPOSAL/EOR)

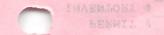
WELL STATUS: (NEW/CONVERSION/EXISTING)

PERMIT # INVENTORY # 05 971

MECHANICAL INTEGRITY TEST

ANY NAME LINK OIL CO . ADDRESS 408 PAILTONIE BOS TOISS ON THIS
NAME & NO. CHADMAN 8-B ; 90 ft. FROM IN LINE AND 90 ft. FROM EN LINE
L DESCRIPTION/4; Sec; Twp; Rge
MUM AUTHORIZED PRESSURE INJECTION INTERVAL 7540'-7552' PACKER DEPTH 74(9.55'
DEMONSTRATED NO SIGNIFICANT FLUID MOVEMENT INTO USDW THROUGH ADJACENT WELL BORE CHANNELS:
(YES/NO) DATE: REVIEWER: NO T.R. AVAILABLE
NO SIGNIFICANT LEAK IN CASING, TUBING, OR PACKER:
(A) TUBING-PACKER PRESSURE TEST
WELL: (INJECTING/SHUT-IN) TIME SINCE: SHUT-IN OR INJECTION BEGAN ANNULUS FILLED PRESSURE: TUBING CASING LIQUID TYPE: INJECTION ANNULUS ANNULUS ANNULUS ANNULUS FILLED ANNULUS FILLED ANNULUS ANNULUS FILLED ANNULUS FILL
(B) CASING-TUBING ANNULUS PRESSURE TEST
TUBING PRESSURE INJECTION RATE DO BPD (DURING TEST OR BEFORE SHUT-IN)
TIME TUBING PRESSURE ANNULUS PRESSURE
0 MIN
CASING SIZE TUBING SIZE 736 FLOW BACK VOLUME 4 OF
(C) ADA PRESSURE TEST
DEPTH TO TOP PERFORATIONS OR OPEN HOLE DEPTH TO FLUID LEVEL_
FLUID COLUMN HEIGHT X SP.GR. X .433 = PSIG REQUIRED FOR TEST.
MAXIMUM PRESSURE REACHED PRESSURE AFTER 5 MINUTES PRESSURE AFTER 10 MINUTES PRESSURE AFTER 20 MINUTES PRESSURE AFTER 30 MINUTES
(D) MONTHLY CASING-TUBING MONITORING
SYSTEM (OPEN/CLOSED); FLUID LEVEL ABOVE GL PRESSURE
(E) TUBING PRESSURE/FLOW RATE MONITORING MONITORING SYSTEM ADEQUATE: (YES/NO)
FLOW RATE BPD TUBING PRESSURE
(F) RADIOACTIVE TRACER SURVEY
DATA & INTERPRETATION SHOW: (LEAK/NO LEAK) NATURE & DEPTH OF LEAK:
REMARKS
211-2 /
DATE Q - [7-Q] TEST WITNESSED BY: (EPA FIELD INSPECTOR) (COMPANY REPRESENTATIVE)
FROM THE KNOWLEDGE OBTAINED FROM THE ABOVE TESTS, IT IS MY OPINION THAT THIS WELL HAS MECHANICAL INTEGRITY: (YES/NO)

EPA ENGINEER



United States Environmental Protection Agency Washington, D.C. 20480 ANNUAL DISPOSAL/INJECTION WELL

MONITORING REPORT

Operator: THE LINK OIL CO Owner: THE LINK OIL CO
1408 PHILTOWER BLDG 1408 PHILTOWER BLDG
TULSA OK 74103 TULSA OK 74103

Inventory No: 0921 State: OK County: OSAGE

Qtr. Section: SE Section: 01 Township: 27N Range: 07E Surface Loc: 0990N-0990E

Well Activity Type of Permit Lease Name

Brine Disposal |X| Individual Chapman-Osage Well Number

No. of Wells: 4 | Area

==== North Quadrant Reporting Form ====

	Injection Pressure	Total Volum Injected		
Month Yr	Avg PSIG Max PSIG	BBL	MCF Min PSIG	Max PSIG
Apr 1990	Under Vacuum	30.586 31.318		
May 1990 Jun 1990	AND HARD WARE THAN AND THAN AND HARD GEN AND HARD HARD HARD HARD HARD HARD HARD HAR	30,552	24 AND THE	NAME AND ADDRESS A
Jul 1990 Aug 1990		33,251 34,453		
Sep 1990 Oct 1990		30,664 33,728		NAME AND ADD ADD ADD ADD ADD ADD ADD ADD ADD
Nov 1990 Dec 1990		34,708 35,267	20 100 100 100 100 100 100 100 100 100 1	
Jan 1991 Feb 1991		35,254 32,298		SAUGO ANDRO ANDRO ANDRO ANDRO ANDRO ANDRO ANDRO ANDRO
Mar 1991		36,505		

CERTIFICATION

I I certify Qunder penalty of law that this document and all attachments were I prepared under my direction or supervision in accordance with a system I I designed to assure that qualified personnel properly gather and evaluate I I the information submitted. Based on my inquiry of the person or persons who I manage the system, or those persons directly responsible for gathering the I Information, the information submitted is, to the best of my knowledge and I belief, true, accurate and complete. I am aware that there are significant I penalties for submitting false information including the possibility of fine I and imprisonment for knowing violations. (Ref. 40 CFR 122.22).

Name and Official Title

Signiture

Date Signed

Robert B. Lyon, President

Production & Contraction & Con		(30)
Inspection Type //R+	dmad	Inventory No. OS - 0921
Inspection Frequency	12-490	Authorization ABR
Violation Code		Authorized to Inject
Company/Operator	LE LINK	Dit Co.
Business Address /408 /	Philtower	Bldg. TulsA, OK. 74103
Individual Contacted	EVIN DEE	ritle field supt.
Lease Name' & Well No.	GAPMAN #	8-B
Legal Description 990 'F[N	L 990 F	E L SE /4 Sec. / T 27 R 7
Well Information: SWD/ER,		
Authorize	d Injection:	Pressure N.A. Rate
Long Stri	ng Casing Siz	re4'/2''Tubing Size23/8''
Report of Conditions as of t	his Date:	
Lease: Active/Inactive	Well	hooked up for injection: Yes/No
Injecting at time of inspe-		The state of the s
		tubing annulus: Yes/No/Not Applicable
Annular Pressure	0	; How Determined UIC GAuge; How Determined
Injection Rate /0	00 Bed	; How Determined per Co. Rep.
Well plugged at Surface:		
	Management of the last of the	Photographs Taken NO
Description of wellhead ho	okup and inje	hered w/ 23/8" tsg-2"
Steel line CON	1 2 (159)	never my 2 /8 139-2
	Nicked 1	o WEICHAM Zinkigh
pressure 2056.		
		- 1.1.1.1.205
Weather Conditions and Obs	ervations	SUNNY / CIEAR - 65° f
		RECEIVED
		NOV 1 9 1990
		EPA 6W-S
Inspection Date ///14/90		d 10:15A.m. Departed ON W OA.M.
Field Inspector	Anher 5	
EPA Reviewer	pres	Date Dec 90

Bird Creek - Osage County, Oklahoma

EPA/UIC INSPECTION REPORT

156 of 168

8-B8_OS0921

October 3, 2017

Bird Creek - Osage County, Oklahoma 8-B8 OS0921 157 of 168

Deliber

United States Environmental Protection Agency

Washington, D.C. 20480
ANNUAL DISPOSAL/INJECTION WELL/

MONITORING REPORT

Operator: THE LINK OIL CO

1408 PHILTOWER BLDG TULSA OK 74103

1408 PHILTOWER BLDG TULSA OK 74103

Inventory No: 0921 State: OK County: OSAGE

Otr. Section: SE Section: 01 Township: 27N Range: 07E Surface Loc: 0990N-0990E

Well Activity Type of Permit

Lease Name

Well Number

Brine Disposal |X | Individual Chapman-Osage 8-8

No. of Wells: 4 | | Area

==== North Quadrant Reporting Form ====

Injection Pressure		Total Vol Injecte		ubing-Casing ssure(Option	
Month Yr	Avg PSIG Max PSIG	BBL 1	MCF	Min PSIG	Max PSIG
========	Disposal		to take the other agent take to the take to	\$100 TORN TORN TORN TORN TORN TORN AND ADD TORN TORN TORN TORN TORN TORN TORN TORN	========
Apr 1989	under vacuum	32,927			matter mayor moved burner mining which intake blance datable moved
May 1989	Make home wine note more more more noted being which where which noted have noted noted noted noted where	32,587			
Jun 1989		32,340		Minte and and other some wide some their some state.	
Jul 1989		33,505			
Aug 1989		36,260			
Sep 1989		34,970	nga seriaka aktisari Shakari Hilika Mindel dendan sakabil Mindel	WANTED STREET WANTED WA	
Oct 1989		34,359		ALIES SERVICE	
Nov 1989		30,859			
Dec 1989		30,876			
Jan 1990		31,785			
Feb 1990		28,869			
Mar 1990	To be the same of	31,687			

CERTIFICATION

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Name and Official Title

APR 13 1990

EPA GW-S REGION VI

Bird Creek - Osage County, Oklahoma 8-B8 OS0921 158 of 168

United States Environmental Protection Agency Washington, D.C. 20480
ANNUAL DISPOSAL/INJECTION WELL

MONITORING REPORT

Operator: THE LINK OIL CO

1408 PHILTOWER BLDG

Owner: THE LINK GIL CO

1408 PHILTOWER BLDG TULSA OK 74103

TULSA OK 74103

Inventory No: 0921 State: OK County: OSAGE Qtr.Section: SE Section: 01 Township: 27N Range: 07E Surface Loc: 0990N-0990E

Well Activity Type of Permit Brine Disposal

Lease Name

|X | Individual Chapman-Osage B=8

No. of Wells: 4 | Area

==== North Quadrant Reporting Form ====

	Injection Pressure	Total Vol Injecte		ng-Casing ire(Optiona	Annulus Monitor)
Month Y	r Avg PSIG Max PSIG	BBL I	MCF I	Min PSIG	Max PSIG
Apr 198	Disposal under vacuum	34,267	THE REAL PLANS AND MADE AND THE REAL PROPERTY AND THE PROPERTY A	- min	Appel and speed deal state of the cold state of
May 198		34,769 34,474		a sume sizes and agree while value ready state show	
Jul 198	8	33,108	- ALCO - CADA - WAND - CADA - ALCO - CADA -		Make water Admir Admir School School Admir
Aug 198 Sep 198		35,073 36,434		2 AND AND COLOR WIND MICH STORE STORE AND STORE	ATHER AND MORE THAN SHEET WHEN THE STATE WHEN THE STATE SHEET WHEN THE STATE SHEET S
Oct 198	8	34,650 33,351	ADD THE GOOD WASHINGTON AND ADDRESS OF THE PARTY AND ADDRESS OF THE PARTY ADDRESS OF THE PART		
Dec 198	I make apply made and apply made and apply apply apply apply and apply if and apply	36,968		4 APPR SERV SERV SERV SERV SERV SERV, SERV	
Jan 198 Feb 198		37,541 33,953	STATE THE COLUMN		
Mar 198		36,172			

CERTIFICATION

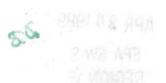
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who I manage the system, or those persons directly responsible for gathering the I information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant |

Name and Official Title

Robert B. Lyo, President

APR 26 1989

EPA 6W-S REGION W October 3, 2017 Bird Creek - Osage County, Oklahoma 8-B8_OS0921 159 of 168



Bird Creek - Osage County, Oklahoma October 3, 2017 8-B8_O\$0921 160 of 168 ALNR EPA/UIC INSPECTION REPORT Inspection Type NPI Inspection Frequency Authorization Authorized to Inject Violation Code Company/Operator The Link Oil Co. Business Address 1408 Philtower Blda Tulsa OK 74103 Individual Contacted____ Legal Description 0990 'F(S)L 0990 'F(W)L 5E /4 Sec. 01 T 27 R 07 Well Information: SWD/ER, Active/TA/P&A Authorized Injection: Pressure Rate Long String Casing Size 45 /incr Tubing Size 2.38 Report of Conditions as of this Date: Lease: Active/Inactive Well hooked up for injection: Yes/No Injecting at time of inspection: Yes/No Required fittings on tubing and casing/tubing annulus: Yes/No/Not Applicable Injection Pressure ; How Determined &. Annular Pressure ; How Determined Injection Rate ; How Determined Well plugged at Surface: Yes/No/Undetermined Samples Taken Photographs Taken none Description of wellhead hookup and injection facility: Weather Conditions and Observations plear son

Inspection Date 01/31/89 Time Arrived 1230 Departed 1245

Field Inspector

EPA Reviewer Kurald

United States Environmental Protection Agency Washington, D.C. 20480

ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT

Operator: THE LINK OIL CO

1408 PHILTOWER BLDG

TULSA OK 74103

Owner: THE LINK OIL CO

1408 PHILTOWER BLDG

TULSA OK 74103

County: OSAGE Inventory No: 0921

Qtr.Section: SE Section: O1 Township: 27 Range: O7 Surface Location: 0990N0990E

Well Activity

Type of Permit

Lease Name

Well Number

Brine Disposal

|X| Individual

No. of Wells: 4 | Area

==== North Quadrant Reporting Form ====

1		Injection Pressure	Total Volu Injected	
	Month Yr	Avg PSIG Max PSIG	BBL	MCF Min PSIG Max PSIG
	Apr 1987 May 1987 Jun 1987 Jul 1987 Aug 1987 Sep 1987 Oct 1987 Nov 1987 Dec 1987	Disposal under	34,873 32,200 33,330 34,645 35,401 35,479 35,431 34,997 29,733 31,384	
1	Jan 1988 Feb 1988 Mar 1988		32,385 35,878	

CERTIFICATION

I I certify under penalty of law that this document and all attachments were I prepared under my direction or supervision in accordance with a system [designed to assure that qualified personnel properly gather and evaluate 1 I the information submitted. Based on my inquiry of the person or persons who I I manage the system, or those persons directly responsible for gathering the 4 | information, the information submitted is, to the best of my knowledge and | belief, true, accurate and complete. I am aware that there are significant | I penalties for submitting false information including the possibility of fine | I and imprisonment for knowing violations (Ref. 40 CFR 122.22).

| Name and Official Title

Robert B. Lyon, President

Date Signed

April 11, 1988

RECEIVED

APR 13 1988

EPA 6W-S REGION VI



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON DC 20480

DISPOSAL/INJECTION MONITORING REPORT

OPERATOR: THE LINK DIL CO

1408 708 PHILTOWER BLDG

TULSA OK 74103

OWNER: THE LINK OIL CO 1408 ZOS PHILTOWER BLDG

INVENTORY NO: 0921

TULSA OK 74103

QTR. SECTION: SE SECTION: 01 TOWNSHIP: 27 RANGE: 07 SURFACE LOCATION: 0990N0990E

WELL ACTIVITY

STATE: OK

TYPE OF PERMIT

COUNTY: OSAGE

LEASE NAME

WELL NUMBER

BRINE DISPOSAL

X: INDIVIDUAL

Chapman-Osage

B--8

NO. OF WELLS: 4 1 AREA

** NORTH GUADRANT REPORTING FORM **

INJECTION PRESSURE TOTAL VOLUME INJECTED

TUBING-CASING ANNULUS PRESSURE (OPTIONAL MONITOR)

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	A3	2 M2 M2 M2 M3	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	L ~ M ~ M ~ M ~ M ~ M ~ M ~ M	1444444444444
MONTH YR I AVG PSIG :	MAX PSIG	BBL	: MCF	MIN PSIG	MAX PSIG !
- nananananana jananananana j	anananana ;	~~~~~~~~~~~~~	i unamananana i	1 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	www.www.ww.
** 04-86 ** Under vacuum	_	31,941			50#
** 05-86 **! " :	- 4	31,904	4	_	11
** 06-86 **! " :	_	21,849			***************************************
** 07-86 **! " !		_	-		11
** 08-86 **! "	- 4	7,374	{ <u>-</u>		11
** 09-86 ** 11		29,804	-		11
Start of Commence of the Start	THE STATE OF THE S	32,513	-		11
** 11-86 **! "	-	30,198	<u> -</u>		11 E
** 12-86 **! " ;	_ {	31,710			11
** 01-87 **! " !	- 1	35,731	-	_	11 £
** 02-87 ** 1	A CONTRACTOR OF THE PROPERTY O	34,389	-		11 4
** 03-87 ** II	The second desire and second s	37,604	-	_	11
A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.	4.4.4.4.4.4.4.4.4.4.4	A CO	, n,		and and and and and and

CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THE ARE SEGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILIT OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. (REF. 40 CFR 122.

NAME AND OFFICIAL TITLE

Robert B. Lyon, President  SIGNATURE

DATE SIGNED

March 14, 1987

APR 16 1987

AEGION VI

FORM OR PERMIT 921 = DATE OF PERMIT 9-5-84

(28)

MECHANICAL INTEGRITY TESTS	
COMPANY MAME THE LINK OIL CO	
ADDRESS 1408 PHILTOINER BUILDING	
CITY AND STATE TULSA, OK. 74103	
LEASE NAME WELL NO. B-8	
LEGAL DESCRIPTION OF TE. From E Tine of SE 1/4 of	SECTION
TOWNSHIP 27 RANGE 7	
SALT WATER DISPOSAL WELL ENHANCED RECOVERY WELL_	
MAXIMUM PRESSURE AUTHORIZED	D-2552 ft
NEW WELL CONVERSION EXISTING PACKER E	EPTH <u>2472</u> ft.35
DATE OF LAST INSPECTION 7-21-86	
I. No significant fluid movement into a USDW through channnels adjacer	t to well bore:
Demonstration Adequate: (YES/NO) Method Used: (CHECK ONE OR MORE) Reviewer:	
Cementing Records Tracer Survey (in conjunction with another method)	
Temperature Log Noise Log	
Other Acceptable Method (Specify)	
II. No significant leak in casing, tubing or packer:	
METHOD(S) USED:	
(A) TUBING-PACKER PRESSURE TESTS	
PROCEDURE: (1) Fill annulus with liquid and allow at least 2 temperatures to stabalize (2) while injecting at maximum or aviance injection pressure, observe and record injection and annulus pror liquid flow.	erage
TEST WITNESSED BY: (COMPANY REPRESENTATIVE) (EPA FIELD	
DATE:	INSPECTOR)
DATE RECORDED BY: TIME SINCE: INJECTION BEGAN ANNULUS FILLED	
ACTUAL INJECTION PRESSURE (hrs/days)	(hrs/days)
CASING-TUBING ANNULUS PRESSURE	
FLOW: ESTIMATED VOLUME Gals; TIME FOR FLOW TO STOP	
RESULTS: (PASS/FAIL) - If fail, shut down and reschedule test after repairs have been completed.	er appropriate
(B) CASING-TUBING ANNULUS PRESSURE TEST	
PROCEDURE: (1) Top off annulus with liquid, if more than 100 required, allow at least 2 hours for temperatures to stabiliz annulus to at least 200 psi, (3) observe and record injection sure and annulus pressure simultanenously for at least 30 min. This test may be run while well is shut-in or injecting. If must maintain a minimum of 100 psi difference between injection pressures throughout the tubing length).	e, (2) pressure tubing pres- utes. (Note: Injecting,
TEST WITNESSED BY: Lanin Support MARK HE	NORICKS
DATE:  OATA RECORDED BY:  MELL: (INJECTING SHUY-IN): HOW LONG SINCE SHUT-IN	INSPECTOR)
MATURE OF LIQUID: INJECTION LIQUID S.W. ; ANNULUS LIQUID	FW Z NA

X

	INJECTION: PRESSURE DE PS1: RATE DE (BB1s/D) (During injection or just prior to shut-in)	39
	TUBING PRESSURE ANNULUS PRESSURE TIME	90 low
	RESULTS: (PASS/FAIL) - If results are not obvious, repeat above test. If annulus pressure fails to hold, Shut down and reschedule test after appropriate repairs have been completed.	
	(C) CASING PRESSURE TEST	
	PROCEDURE: (1) With the wellhead and bottom of casing sealed, fill casing with liquid and allow several hours for temperatures to stabilize (2) Pressure casing to at least 200 psi (3) observe and record pressure for 30 minutes.	
	TEST WITNESSED BY:  (COMPANY REPRESENTATIVE) (EPA FIELD INSPECTOR)  DATE:	
	DATA RECORDED BY: INITIAL PRESSURE:	
	RESULTS: (PASS/FAIL) - If fail, shut down and reschedule test after appropriate repairs have been completed.	
	(D) MONTHLY CASING-TUBING MONITORING	
	PROCEDURE: (1) Maintain a positive pressure of 5 to 10 psi and monitor annulus pressure monthly.	
	Annual Report Data:	
YEAR	INJECTION PRESSURE RANGE ANNULUS PRESSURE RANGE REMEDIAL ACTIONS TAKEN REVIEWED BY DATE	
	(E) MONITORING INJECTION PRESSURE AND FLOW RATE RELATIONSHIP	
	PROCEDURE: (1) Perform initial pressure test (8), (2) Determine the initial well injectivity, (3) monitor the injection pressure and flow rate monthly.	
	DATE FLOW RATE (BPD) INJECTION PRESSURE INVENTORY (BPD/ps1) REVIEWED BY DATE	
	(F) RADIDACTIVE TRACER SURVEY	
	Data and interpretation show: Leaks in casing tubing packer  No leaks in casing tubing packer	
	RESULTS: (PASS/FAIL) - If fail, shut down and reschedule test after appropriate repairs are made.	
111.	REMARKS FLUID RETURN AFTER 30MIN. TEST - 6 0TS	1,218
	OFFRATOR RAN IN 2,512" OF 41/2" LINER AND	101'SR
	CEMENTED TO SURFACE 8-23-86	papa esp
IV.	From the knowledge obtained from the above tests, it is my opinon that this well has mechanical integrity: (YES/NO)  (COMPANY REPRESENTATIVE)  (EPA FIELD INSPECTOR)  (DAYE)	

Bird Creek - Osage County, Oklahoma

8-B8_OS0921

165 of 168

		PERMIT PERMIT		0921	-
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				BALLA A PP	600	A 6
E	CHANICAL	INTEGRITY	TESTS			

ONPANY NAME The bink oil Co.
DDRESS 1408 Philtower Bldg.
TTY AND STATE TUISA, OK. 74103
EASE NAME Chaoman WELL NO. B-8
EGAL DESCRIPTION 20 ft. from 11ne of 1/4 of SECTION
TOWNSHIP 27 RANGE 7
ALT WATER DISPOSAL WELL ENHANCED RECOVERY WELL
AXIMUM PRESSURE AUTHORIZED
EW WELL CONVERSION EXISTING PACKER DEPTH 2492ft
ATE OF LAST INSPECTION
. No significant fluid movement into a USDW through channnels adjacent to well bore:
Demonstration Adequate: (YES/NO) Date: Method Used: (CHECK ONE OR MORE) Reviewer:
Comenting Records
Tracer Survey (in conjunction with another method) Temperature Log
Noise Log
Other Acceptable Method (Specify)  II. No significant leak in casing, tubing or packer:  AUG 11 1986
METHOD(S) USED:
F LFA GW -
TEGION III
PROCEDURE: (1) Fill annulus with liquid and allow at least 2 hours for temperatures to stabalize (2) while injecting at maximum or average injection pressure, observe and record injection and annulus pressure, or liquid flow.
TEST WITNESSED BY: (COMPANY REPRESENTATIVE) (EPA FIELD INSPECTOR)
DAIE:
DATE RECORDED BY: TIME SINCE: INJECTION BEGAN ANNULUS FILLED (hrs/days)  (hrs/days)
CASING TIRING ANNIHIS PRESSURE DSS
WATER FLOWED FROM ANNULUS (YES/NO) FLOW: ESTIMATED VOLUME Gals; TIME FOR FLOW TO STOP Mins
RESULTS: (PASS/FAIL) - If fail, shut down and reschedule test after appropriate repairs have been completed.
(B) CASING-TUBING ANNULUS PRESSURE TEST
PROCEDURE: (1) Top off annulus with liquid, if more than 100 gallons are required, allow at least 2 hours for temperatures to stabilize, (2) pressure annulus to at least 200 psi, (3) observe and record injection tubing pressure and annulus pressure simultanenously for at least 30 minutes. (Note: This test may be run while well is shut-in or injecting. If injecting, must maintain a minimum of 100 psi difference between injection and annulus pressures throughout the tubing length).
TEST WITNESSED BY: (COMPANY REPRESENTATIVE) (EPA FIELD INSPECTOR)
DAIR
DATA RECORDED BY: WELL: (INJECTING/SHUT-IN): HOW LONG SINCE SHUT-IN
MATURE OF LIGHTD - INJECTION LIGHTD : ANNULUS LIGHTD



	INJECTION: PRESSURE PS1: RATE (BB1s/D) (During injection or just prior to shut-in)
	TUBING PRESSURE  ANNULUS PRESSURE  OF TIME  AND HINUTES  Found several  of 20 in casing.
	RESULTS: (PASS/FAIL) - If results are not obvious, repeat above test. If annulus pressure fails to hold. Shut down and reschedule test after appropriate repairs have been completed.
	(C) CASING PRESSURE TEST
	PROCEDURE: (1) With the wellhead and bottom of casing sealed, fill casing with liquid and allow several hours for temperatures to stabilize (2) Pressure RECE/casing to at least 200 psi (3) observe and record pressure for 30 minutes.
	TEST WITNESSED BY:  (COMPANY REPRESENTATIVE) (EPA FIELD INSPECTOR)  DATE:  DATA RECORDED BY:  INITIAL PRESSURE:  DS1 PRESSURE AFTER 3D MINUTES  PS1 REGION VI  RESULTS: (PASS/FAIL) - If fail, shut down and reschedule test after appropriate repairs have been completed.
	RESULTS: (PASS/FAIL) - If fail, shut down and reschedule test after appropriate
	repairs have been completed.  (D) MONTHLY CASING-TUBING MONITORING
	PROCEDURE: (1) Maintain a positive pressure of 5 to 10 psi and monitor annulus pressure monthly.
	Annual Report Data:
YEAR	INJECTION PRESSURE RANGE ANNULUS PRESSURE RANGE REMEDIAL ACTIONS TAKEN REVIEWED BY DATE
	(E) MONITORING INJECTION PRESSURE AND FLOW RATE RELATIONSHIP
	PROCEDURE: (1) Perform initial pressure test (B), (2) Determine the initial well injectivity, (3) monitor the injection pressure and flow rate monthly.
	DATE FLOW RATE (BPD) INJECTION PRESSURE INVENTORY (BPD/ps1) REVIEWED BY DATE
	(F) RADIOACTIVE TRACER SURVEY
	Data and interpretation show: Leaks in casing tubing packer No leaks in casing tubing packer
	RESULTS: (PASS/FAIL) - If fail, shut down and reschedule test after appropriate repairs are made.
111.	and pulled tuling and packer
	and terminated injection.
IV.	From the knowledge obtained from the above tests, it is my opinon that this well has mechanical integrity: (YES/NO)
1	(COMPANY REPRESENTATIVE) (EPA FIELD INSPECTOR) (DATE)

Form Approved. OMB No. 2000-0042. Approval expires 9-30-86

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 SEPA ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT NAME AND ADDRESS OF SURFACE OWNER NAME AND ADDRESS OF EXISTING PERMITTEE The Link Oil Company H. G. Barnard Ranch 320 South Boston Bldg. 1408 Philtower Building Tulsa, Oklahoma 74103 Tulsa, Oklahoma 74103 STATE COUNTY EPA ASSIGNED FORM LOCATE WELL AND OUTLINE UNIT ON 921 4 Osage SECTION PLAT - 640 ACRES SURFACE LOCATION DESCRIPTION 4 OF NE 14 OF SE 14 SECTION 1 SW TOWNSHIP 27N RANGE 7E LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT Surface  $990 \, \text{ft. from (N/S)} \, \frac{N}{}$  Line of quarter section EPA 6W.S and 990 ft. from (E/W) E Line of quarter section TYPE OF PERMIT WELL ACTIVITY ☐ Brine Disposal ☐ Enhanced Recovery ☐ Individual E Area Number of Wells ☐ Hydrocarbon Storage Lease Name Chapman-Osage

> REPORTING FORM FOR NORTH QUADRANT ONLY INCLUDE WELLS IN TOWNSHIP 29N, 28N, and 27N

Well Number

TUBING — CASING ANNULUS PRESSURE (OPTIONAL MONITORING) INJECTION PRESSURE TOTAL VOLUME INJECTED MAXIMUM PSIG MINIMUM PSIG MCF MAXIMUM PSIG BBL AVERAGE PSIG MONTH YEAR 50# 28,857 50# APRIL - 85 30,660 - 85 MAY 26,346 - 85 JUNE 11 31,052 11 JULY - 85 11 30,288 11 - 85 AUG 11 28,744 11 - 85 SEPT 11 31,893 OCT - 85 11 27,932 NOV - 85 29,527 - 85 DEC 30,684 86 JAN 11 30,929 11 - 86 FEB 34,864 11 MARCH - 86

#### CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of the spe individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print) Robert B. Lyon, President SIGNATURE

April 9, 1986

TUBING — CASING ANNULUS PRESSURE

Form . ed. OMB No. 2000-0042. Approval expires 9-30-86

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

(29)

# **⊕EPA**

# ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT

NAME AND ADDRESS OF EXISTING PERMITTE The Link Oil Company
1408 Philtower Building
Tulsa, Oklahoma 74103

NAME AND ADDRESS OF SURFACE OWNER
Barnard Ranch
320 South Boston
Tulsa, Oklahoma 74103

PERMIT NUMBER STATE COUNTY Okla. 0sage SURFACE LOCATION DESCRIPTION 14 OF NE 14 OF SE TOWNSHIP 27N 1/4 SECTION LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT Surface 990 ft. from (N/\$) ____ Line of quarter section 990 ' X ft. from (E/W) Line of quarter section WELL ACTIVITY TYPE OF PERMIT ☐ Brine Disposal ☑Individual ☐ Area ☑ Enhanced Recovery Number of Wells ☐ Hydrocarbon Storage Lease Name Chapman-Osage B-8 Well Number

	INJECTION	PRESSURE	TOTAL VOLU	ME INJECTED	(OPTIONAL N	MONITORING)
MONTH YEAR	AVERAGE PSIG	MAXIMUM PSIG	BBL	MCF	MINIMUM PSIG	MAXIMUM PSIG
1–1985	Vaccum	10#	31,802			
2-1985	Vaccum	10#	28,914			
3-1985	Vaccum	10#	32,187			
•						
					,	

#### **CERTIFICATION**

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or pr
--------------------------------------------

Robert B. Lyon, President

SIGNATURE

DATE SIGNED

April 10, 1985